

File 16:Gale Group PROMT(R) 1990-2004/Oct 12  
     (c) 2004 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Oct 12  
     (c)2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2004/Oct 12  
     (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 12  
     (c) 2004 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 12  
     (c) 2004 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2004/Oct 11  
     (c) 2004 The Gale Group  
 File 15:ABI/Inform(R) 1971-2004/Oct 12  
     (c) 2004 ProQuest Info&Learning  
 File 20:Dialog Global Reporter 1997-2004/Oct 12  
     (c) 2004 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2004/Jun W1  
     (c) 2004 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2004/Oct 12  
     (c) 2004 Financial Times Ltd  
 File 610:Business Wire 1999-2004/Oct 10  
     (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Oct 10  
     (c) 2004 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2004/Sep 20  
     (c) 2004 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2004/Oct 10  
     (c) 2004 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 635:Business Dateline(R) 1985-2004/Oct 12  
     (c) 2004 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2004/Oct 12  
     (c) 2004 The Gale Group  
 File 477:Irish Times 1999-2004/Oct 08  
     (c) 2004 Irish Times  
 File 710:Times/Sun.Times(London) Jun 1988-2004/Oct 11  
     (c) 2004 Times Newspapers  
 File 711:Independent(London) Sep 1988-2004/Oct 12  
     (c) 2004 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2004/Oct 10  
     (c) 2004 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2004/Oct 10  
     (c) 2004  
 File 387:The Denver Post 1994-2004/Oct 11  
     (c) 2004 Denver Post  
 File 471:New York Times Fulltext 90-Day 2004/Oct 12  
     (c) 2004 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
     (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2004/Oct 11  
     (c) 2004 St Louis Post-Dispatch  
 File 498:Detroit Free Press 1987-2004/Oct 08  
     (c) 2004 Detroit Free Press Inc.  
 File 631:Boston Globe 1980-2004/Oct 10  
     (c) 2004 Boston Globe  
 File 633:Phil.Inquirer 1983-2004/Oct 11

Search Performed by Sylvia Keys 12-Oct-04

**Best Available Copy**

(c) 2004 Philadelphia Newspapers Inc  
File 638:Newsday/New York Newsday 1987-2004/Oct 11  
(c) 2004 Newsday Inc.  
File 640:San Francisco Chronicle 1988-2004/Oct 12  
(c) 2004 Chronicle Publ. Co.  
File 641:Rocky Mountain News Jun 1989-2004/Oct 08  
(c) 2004 Scripps Howard News  
File 702:Miami Herald 1983-2004/Oct 11  
(c) 2004 The Miami Herald Publishing Co.  
File 703:USA Today 1989-2004/Oct 11  
(c) 2004 USA Today  
File 704:(Portland)The Oregonian 1989-2004/Oct 10  
(c) 2004 The Oregonian  
File 713:Atlanta J/Const. 1989-2004/Oct 10  
(c) 2004 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2004/Oct 12  
(c) 2004 Baltimore Sun  
File 715:Christian Sci.Mon. 1989-2004/Oct 12  
(c) 2004 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2004/Oct 11  
(c) 2004 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2004/Oct 10  
(c) 2004 St. Petersburg Times

Set	Items	Description
S1	853	SCAN?()BARCOD?
S2	12492	SCAN?() (PRODUCT OR PRODUCTS OR MERCHANDISE OR ITEM OR ITEMS OR GOODS)
S3	960	(S1 OR S2) (5N) ((MOBILE OR PORTABLE OR PDA OR PERSONAL()DIGITAL()ASSISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()-HELD) OR PDAS OR LAPTOP? OR PALMTOP?)
S4	6	S3(5N) (SHOPPING() (AID OR AIDS OR ASSISTANCE OR TROLLEY OR -TROLLIES OR CART OR CARTS OR BASKET?) OR TROLLEY OR TROLLIES)
S5	31	S3(5N) (STORE OR STORES STORING OR SAVE OR SAVES OR SAVING)
S6	0	S3(5N) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) ()LOAD?)
S7	1630386	(CREAT? OR SEND OR SENDS OR SENDING OR RECEIV? OR PROCESS?-(5N) (ORDER OR ORDERS OR ORDERING)
S8	20	AU=(HANSMANN, U?, HANSMANN U? OR MERK, L? OR MERK L? OR ST-OBBER, T? OR STOBBER T?)
S9	5	RD S4 (unique items)
S10	31	S5 NOT S9
S11	17	S10 NOT PY>2000
S12	9	RD (unique items)
S13	11	S3(S)S7
S14	11	S13 NOT (S9 OR S12)
S15	2	S14 NOT PY>2000
S16	2	RD (unique items)
S17	13320	S1 OR S2
S18	251	S17(S) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) ()LOAD?)
S19	92	S18(S) ((MOBILE OR PORTABLE OR PDA OR PERSONAL()DIGITAL()AS-SISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()-HELD) OR PDAS OR LAPTOP? OR PALMTOP?)
S20	91	S19 NOT (S9 OR S12 OR S16)
S21	42	S20 NOT PY>2000
S22	27	RD (unique items)
S23	10	S19(S) (CREAT? OR SEND OR SENDS OR SENDING OR RECEIV? OR PR-OCESS?) (5N) (ORDER OR ORDERS OR ORDERING)
S24	13320	S1 OR S2
S25	0	S24(S)S8

9/3,K/1 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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16656984 SUPPLIER NUMBER: 112796136 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**Digital depot: users are responding to Home Depot's new applications, but  
the real work is behind the scenes. (CIO Profile)**

Nannery, Matt

Chain Store Age, 80, 1, 18A(3)

Jan, 2004

ISSN: 1087-0601 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1906 LINE COUNT: 00148

... software already are allowing Home Depot to very literally lighten  
cashier workloads. New, two-way **wireless** scan guns allow cashiers to  
**scan items in shopping carts** without having to lift and reposition  
heavy items.

"The new POS software was a prerequisite...

9/3,K/2 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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16123967 SUPPLIER NUMBER: 106340312 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**BEYOND THE BAR CODE: NRF TO SPOTLIGHT ADVANCES.**

Moin, David

WWD, 13

August 6, 2003

ISSN: 0149-5380 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 882 LINE COUNT: 00071

... of this wireless technology, including the "smart" shelves and tags  
on products, as well as **shopping carts** and **handheld** scanners that  
quickly **scan products** for a running total. This supermarket of the  
future will be discussed by Zygmunt Mierdorf...

9/3,K/3 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

4211452 Supplier Number: 111740207 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Digital depot: users respond to new apps, but the real work is behind the  
scenes.**

Home Channel News, v 29, n 22, p 36

December 15, 2003

DOCUMENT TYPE: Journal ISSN: 0192-6772 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1722

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...software are already allowing Home Depot to very literally lighten  
cashiers workloads. New, two-way **wireless** scan guns allow cashiers to  
**scan items in shopping carts** without having to lift and reposition

often heavy items.

"The new POS software was a...

**9/3,K/4 (Item 2 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

4091567 Supplier Number: 106340312 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**BEYOND THE BAR CODE: NRF TO SPOTLIGHT ADVANCES.**

Women's Wear Daily, p 13

August 06, 2003

DOCUMENT TYPE: Journal ISSN: 0149-5380 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 822

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of this wireless technology, including the "smart" shelves and tags on products, as well as **shopping carts** and **handheld** scanners that quickly **scan products** for a running total. This supermarket of the future will be discussed by Zygmunt Mierdorf...

**9/3,K/5 (Item 3 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2248759 Supplier Number: 02248759 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Self-Scanning Checks In**  
**(Meijer will expand its test of a customer self-checkout technology in 2 stores now)**

HFN, v 72, n 36, p 13

September 14, 1998

DOCUMENT TYPE: Journal ISSN: 1082-0310 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 883

ABSTRACT:

...test of self-checkout to other stores. With that system, consumers tally orders with a **handheld** device to **scan items** being placed into a **shopping cart**.

12/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07290661 Supplier Number: 61848440 (USE FORMAT 7 FOR FULLTEXT)  
**Blue Martini Software Announces Customer Interaction System Version 3.1  
Extending Reach to International Markets.**  
Business Wire, pl278  
May 2, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1186

... information directly to customers and in-store sales staff. For example, customers can use in- **store** mobile **wireless** **hand - held** sales assistants to **scan** **products** of interest and assemble a gift list, accessible on a company's website, which can...

12/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06546613 Supplier Number: 55379083 (USE FORMAT 7 FOR FULLTEXT)  
**JP Systems, BarPoint.com to Debut Wireless In-Store Comparison Shopping on Handheld Devices.**  
Business Wire, p0025  
August 9, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 749

... retail products to wirelessly access comparative pricing and other consumer information while shopping in any **store** .

This partnership allows **mobile** users to type or **scan** **product** UPC barcodes into a **handheld** device to wirelessly access BarPoint.com. A patent-pending search engine technology, BarPoint.com gives...

12/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05372232 Supplier Number: 48169425  
**Wish list with a twist: Kids register for toys.**  
Orlando Sentinel (FL), pB1  
Dec 9, 1997  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

ABSTRACT:

...will enable children to lodge lists for parents and relatives to shop from, by using **hand - held** scanners to **scan** **items** in- **store** . The new service has been hailed as a 'brilliant PR move'. Following a two-year...

12/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05354618 Supplier Number: 48144464 (USE FORMAT 7 FOR FULLTEXT)  
**KOHL'S TIGHTENS CONTROLS ON STORE TRANSFERS STORES USE HANDHELD  
COMPUTERS TO SCAN PRODUCT , TRANSMIT DATA TO HQ**  
Power, Denise  
Daily News Record, v27, n142, p8  
Nov 26, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; General Trade  
Word Count: 1160

**KOHL'S TIGHTENS CONTROLS ON STORE TRANSFERS STORES USE HANDHELD  
COMPUTERS TO SCAN PRODUCT , TRANSMIT DATA TO HQ**

12/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03495901 Supplier Number: 44889742 (USE FORMAT 7 FOR FULLTEXT)  
**Finast Expected to Test Handheld Self-Scanner**  
Supermarket News, p15  
August 1, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 872

... synergy' point' for evaluating the self-scanning system.  
The system, in which customers use a **portable** device to **scan**  
**products** as they shop the **store** , is now used at two Albert Heijn stores,  
with a third location set to begin...

12/3,K/6 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09920067 SUPPLIER NUMBER: 20021722 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Kohl's tightens controls on store transfers; stores ude handheld  
computers to scan product , transmit data to HQ. (Kohl's Department  
Stores) (Executive technology)**  
Power, Denise  
Daily News Record, v27, n142, p8(1)  
Nov 26, 1997  
ISSN: 1041-1119 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1234 LINE COUNT: 00099

**Kohl's tightens controls on store transfers; stores ude handheld  
computers to scan product , transmit data to HQ. (Kohl's Department  
Stores) (Executive technology)**

12/3,K/7 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02377472 SUPPLIER NUMBER: 59701019 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Clicks Meet Bricks. (News Briefs)**  
Lang, Nancy A.  
Computer Shopper, 58  
April, 2000

ISSN: 0886-0556      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 277      LINE COUNT: 00024

FastFrog.com, a gift registry, lets teens roam the **store** aisles and **scan** **items** they want using a **handheld** ZapStick. The product information is transferred to a Web site, where the hopeful youths can...

12/3,K/8      (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01928024      SUPPLIER NUMBER: 18175360      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Scanning to track parcels. (Parcelforce adopts barcoding and scanning for inventory tracking) (Company Operations)**

Kerridge, Suzanna  
PC User, n274, p29(2)  
Jan 10, 1996

ISSN: 0263-5720      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1337      LINE COUNT: 00107

... robustness and reliability made it suitable for the job.

Staff at the depots use remote, **wireless** Telxon scanners to **scan** **barcodes** on parcels and **store** the information on the Compaq PCs. Parcel status information is downloaded to the HP Unix...

12/3,K/9      (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

08700432      (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Interactive: Buyer Power Keeps Firms On Their Toes**

Brian Prangle  
BIRMINGHAM POST, p20  
December 14, 1999

JOURNAL CODE: FBMP      LANGUAGE: English      RECORD TYPE: FULLTEXT  
WORD COUNT: 636

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... so Barpoint is offering a bar code scanner and software for wireless versions of Palmpilot **PDA**s to allow you to **scan** **barcodes** on **store** shelves. Next year, they'll offer the same for net-enabled mobile phones and pagers...

?

16/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02806775

**Dairy Farm Group, Asia's Largest Food/Drug Retailer, Selects Symbol's  
Mobile Wireless Computing**

BUSINESS WIRE

September 14, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 546

... efficiency, productivity and boost customer service." "Going wireless is the trend for companies that must **process** data in real-time in **order** to improve overall operational efficiency and heighten customer satisfaction. With the endorsement from the Dairy...

16/3,K/2 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00251971 20000410101B2454 (USE FORMAT 7 FOR FULLTEXT)

**(DSG.) Ericsson Extends DeliveryNet to Mobile Workers with Descartes' New  
Palm-Based Wireless Solutions**

Business Wire

Monday, April 10, 2000 07:51 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 632

...that allow their workers to send updates to the Descartes network about the status of **orders** as shipments are sent and **received** from warehouses, and as deliveries and installations of their radio base stations are completed. This...

...1700 handheld computers from Symbol Technologies (NYSE:SBL) with integrated barcode scanning devices running Descartes' **mobile** solutions to **scan barcodes** on shipments that are loaded onto delivery vehicles. Truck drivers and installation engineers use the...



**22/3,K/1 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09187523 Supplier Number: 55981033 (USE FORMAT 7 FOR FULLTEXT)  
**COMPANY PROFILES.**  
Convenience Store News, v33, n10, p115  
August 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 53726

**22/3,K/2 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08060026 Supplier Number: 67153576 (USE FORMAT 7 FOR FULLTEXT)  
**NEW BLUEPRINTS FOR STORE DESIGN; EMPHASIS ON RETAILER BRANDING, CROSS SHOPPING AND NEW TECHNOLOGIES ARE DRIVING CHANGES IN STORE DESIGN.**  
SPRINGER, JON  
Supermarket News, p1  
Nov 13, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1919

... its Albertsons.com store in Washington. Albertson's is also working on an Internet-enabled **wireless** ordering system where consumers could self- **scan** items at home and **download** a shopping list to stores over the Internet, according to Hadley Wagner, group vice president...

**22/3,K/3 (Item 3 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07939033 Supplier Number: 66292844 (USE FORMAT 7 FOR FULLTEXT)  
**Microvision Demonstrates Compact Bar Code Scanner for Low-Cost, Low-Power Mobile Internet Applications.**  
PR Newswire, p5494  
Oct 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1068

... store-and-forward' links such that scanned symbols are stored inside the device for later **upload** through a computer, Microvision believes that the next step is for such input devices to be present in **wireless** broadband products that perform real time transactions including bringing electronic media content directly to the...

**22/3,K/4 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07143824 Supplier Number: 59517805 (USE FORMAT 7 FOR FULLTEXT)  
**Windows shoppers: Retailers eyeing Internet to boost in-store sales.**  
BAEB, EDDIE

Crain's Chicago Business, v23, p15  
Feb 14, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1322

... and the other is used to compile an online wish list.

In both cases, the **hand - held** devices are checked out at stations in a mall. After they are returned, the **scanned products** ' descriptions can be **downloaded** onto the Web.

The wish list product, called FastFrog.com, is geared toward teenagers looking...

22/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06807001 Supplier Number: 57561003 (USE FORMAT 7 FOR FULLTEXT)  
**GroceryWorks.com Licenses Roadnet's Consumer Direct Suite; Suite Provides E-Commerce Logistics Infrastructure.**  
PR Newswire, p4753  
Nov 15, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 728

... two-way wireless data networks.

Route plans with stop, order and line-item information are **downloaded** to delivery personnel's **handheld** computers that they carry with them and use to indicate which stops have been completed and when, as well as any delivery variances. GroceryWorks will also use the **handheld** computers to **scan product** as it is delivered for total order accuracy and to capture customers' signatures for proof...

...server application running back at the dispatch center and displayed on Roadnet's user-friendly **digital** maps for any number of users to view. MOBILECAST calculates accurate estimated time of arrival...

22/3,K/6 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06410443 Supplier Number: 54875836 (USE FORMAT 7 FOR FULLTEXT)  
**Data Capture Grows Wider -- Small Computing Devices And Embedded Systems Can Feed Large Data Warehouses, Leading To Potentially Powerful Data Analysis. (Technology Information)**  
Caldwell, Rick Whiting With Bruce  
InformationWeek, p59  
June 14, 1999  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 2186

... 6-Kbyte databases to 64-Mbit memory chips costing just \$6 can be built into **handheld** devices, special-purpose terminals, and even household appliances. The United Kingdom's ICL Ltd. recently...

...computerized refrigerator with a flat-panel display and bar-code reader

that would let consumers **scan** **product** containers to build a shopping list that could be **uploaded** to a database server at a grocery store, which would then deliver those items.  
Handheld...

22/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06144890 Supplier Number: 53920551 (USE FORMAT 7 FOR FULLTEXT)  
**Take An Order!** is 'pocketable POS' For on-the-go sales, it's a must.  
Adams, Russ  
Automatic I.D. News, v15, n2, p46(1)  
Feb, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1482

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...a POS system that could be held in the palm of my hand made me **download** the software demo from the Stevens Creek Web site. A day spent playing with the...

...1500 is a 3Com Palm III with a built-in laser bar code scanner. I **downloaded** the bar code-enabled version of Take An Order! and purchased the key to unlock...

...III and IBM WorkPad, which do not have built-in bar code scanners. I also **downloaded** PalmPrint, a printing program for the Palm III, also from Stevens Creek Software. You need...

...to print the invoice generated by Take An Order! The programs were placed on a **laptop** PC, then **uploaded** to the SPT 1500 using the HotSync program supplied with the **palmtop**. Once the programs were loaded into the SPT 1500, I was able to launch Take...

...P.C. number, item description and price. Thousands of items can be stored in the **palmtop**. The information can be exported from a desktop computer to the **palmtop** or added from a screen in Take An Order! using the stylus and touchscreen keyboard...

...transfer the file to the MemoPad in the HotSync program running on your desktop and **upload** to the **palmtop** by HotSync. You can also create the catalog on the desktop as a "PDB" (Palm Data Base) file and install it directly into the **palmtop**. Taking an order The first thing you do to take an order is to click...

...The software will search the stored catalog for an item whose item number matches the **scanned** item. If one is found, the item is added to the order and the on-screen...printing. Very few programs have made use of the IrDA port at all. In a **portable** application, one should not have to fool with printer cables. If you are looking for...

22/3,K/8 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05808480      Supplier Number: 50301603    (USE FORMAT 7 FOR FULLTEXT)  
**Aironet Wireless Communications Selected as Preferred Wireless LAN Vendor  
by Monarch Marking Systems**  
PR Newswire, p0914CLM004  
Sept 14, 1998  
Language: English      Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count:      705

...      conjunction with the Monarch handhelds.

Used by major retailers and distributors worldwide to adjust pricing,  
**scan barcodes** , print labels and manipulate data, the compact Monarch(R)  
Pathfinder(R) Ultra(R) devices will use Aironet's RF technology to transmit  
data from **mobile** locations to in-store or on-site host computers or  
networks. Information on these computers can be linked to other network  
resources or **uploaded** to corporate databases for optimum information  
retrieval.

Roger Murphy, Aironet's president, commented on the...

**22/3,K/9      (Item 9 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04999557      Supplier Number: 47342343    (USE FORMAT 7 FOR FULLTEXT)  
**Bar coding helps utility track inventory**  
Beaty, Wayne  
Electric Light & Power, p36  
May, 1997  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count:      505

...      easily moved from one location to another.

All data collection can now be accomplished with **hand - held**  
terminals from Symbol Technologies. The terminals allow both scanned and  
key-entered data. Items are...

...or she is prompted for the needed information. Users can even generate  
orders using the **hand - held** terminals. Data are collected for order  
generation by **scanning item** numbers and quantities. This information is  
then **uploaded** to the SmarTrac system, and a report is printed out for  
each vendor with item...

**22/3,K/10      (Item 10 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

02449826      Supplier Number: 43229044    (USE FORMAT 7 FOR FULLTEXT)  
**Latin America gets hot again, suddenly: Economic reforms spur local trade**  
Crain's New York Business, p11  
August 16, 1992  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count:      1272

...      medical and food service supplies, computer components and  
telecommunications equipment.

Symbol Technologies Inc., which manufactures **handheld portable** computers and bar code **scanning products**, is exceeding its 1992 targets for Latin America. Victor Spencer, director of international sales at...

...I., company, says Symbol's growth in Latin America is sparked by the reduction in **import** barriers. A second factor is the growing awareness of Latin business people that open borders...

22/3,K/11 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09844157 SUPPLIER NUMBER: 19948084 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Distribution adapts new technologies.**(Special Supplement: **Managing**

**Distribution Technology**)

Cowhey, Dennis R.

Industrial Distribution, v86, n9, pT4(2)

Sep, 1997

ISSN: 0019-8153 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 740 LINE COUNT: 00061

... scanner connects by RF (Radio Frequency) to the company's UNIX computer. The specials are **uploaded** directly to a Web Site and made available for sale worldwide within seconds.

A fastener...

22/3,K/12 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

03516169 SUPPLIER NUMBER: 06351781 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Product index. (Interior Design Buyers Guide Issue) (buyers guide)**

Interior Design, v59, n2, p97(109)

Jan 15, 1988

DOCUMENT TYPE: buyers guide

ISSN: 0020-5508

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 144928 LINE COUNT: 12769

... Tile & Terrazzo Corp. Walker & Zanger, Inc.

TILE, ACOUSTICAL SEE: ACOUSTICAL CEILING TILES

TOILET COMPARTMENTS Ampco **Products** Inc. Bobrick Washroom Equip.

Inc. Foro Marble Co., Inc. The Marlite Organization, USG Interiors, Inc...

...Co. Amscor Inc. Brass Smith Brite Write Sign Company Crown Industries  
Delco Assocs., Inc. Denstor **Mobile** Storage Systems Eldon Office Products  
Glaro, Inc. Hemisphere Steel Products Corp. King Refrigerator Corp., p...  
MATTING BOARDS Century Framing Ltd. Crescent Cardbaord Co. Nielsen &  
Bainbridge Yale Picture Frame & Moulding Corp.

**PORTABLE** DANCE FLOORS Ambassador Enterprises, Inc. The  
Architectural Stone Cutting Co. Architectural Surfaces Inc. Crown  
Industries...

...Ind. Precision Integrated Industries, Inc. Roctronics Lighting Controls  
& Special Effects SICO Incorporated Times Square Lighting

**PORTABLE** STAGE PLATFORMS Adirondack Direct Architectural Surfaces  
Inc. Associated Drapery and Equipment Co. Emeco Industries, Inc...

...International (Closet Maid Storage Systems) Corning Glass Works Crown  
Decorative Products Custom Craft Cabinets Denstor **Mobile** Storage Systems

Glaro, Inc. InterMetro Industries Corp. L. D. Jones, Imports-Exports King Refrigerator Corp...

...Clairson International (Closet Maid Storage Systems) Clarin Corp.  
Corning Glass Works County Roads, Inc. Denstor **Mobile** Storage Systems  
...Contract Furniture, p. 246, 247 Bob Sapan & Company Sauder Designate International, Inc. Sauder Manufacturing Co. **Scandinavian** Design, Inc.  
Schafer Sem-Moray Rattan Shafer Commercial Seating, Inc. Shaw-Walker Co.  
Shelby Williams...

**22/3,K/13** (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03882615 Supplier Number: 48487188 (USE FORMAT 7 FOR FULLTEXT)

**-XEROX: Xerox Scansoft launches Pagis Pro 2.0**

M2 Presswire, pN/A

May 18, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1360

M2 COMMUNICATIONS LTD RDATE:180598 -- Pagis Pro 2.0 combines four powerful **scanning products** offering enhanced functionality over award winning Pagis Pro 97 at ever-affordable price Xerox ScanSoft...

...users to use creative techniques to edit pictures once they have been scanned. Users can **import** pictures and use them to create personalised calendars, sports cards, magazine covers, greeting cards, business...

...from XIFF, other formats supported include: FlashPix (\*.fpx), GIF (\*.gif), JPEG (\*.jpg), Progressive JPEG (\*.jpg), **Portable** Network Graphics (\*.png), and BMP (\*.bmp). --Pre-Set Common Scanning Activities - The new Auto Save...

**22/3,K/14** (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02061080 Supplier Number: 43770724 (USE FORMAT 7 FOR FULLTEXT)

**GTE previews new products at jammed user group meeting**

National Report on Computers & Health, v14, n8, pN/A

April 12, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 979

... GTE soon will introduce, as an optional add-on for its materials management application, a **portable** barcode reader. The reader, manufactured by Norand, **scans barcodes** on hospital supplies, automating inventory-taking. Inventory data stored in the device are **uploaded** to GTE's HIS. John Andrews, GTE Health Systems VP, tells us the device will...

**22/3,K/15** (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2004 The Gale Group. All rts. reserv.

2485850 Supplier Number: 02485850 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Data Capture Grows Wider -- Small Computing Devices And Embedded Systems  
Can Feed Large Data Warehouses, Leading To Potentially Powerful Data  
Analysis  
(Data management technology follows two paths; number of handheld computers  
shipped worldwide is forecast to be more than 5.7 mil units this year;  
sales of database software for embedded applications expected to increase  
to \$451.2 mil this year)  
Information Week, p 59  
June 14, 1999  
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2181

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...6-Kbyte databases to 64-Mbit memory chips costing just \$6 can be built  
into **handheld** devices, special-purpose terminals, and even household  
appliances. The United Kingdom's ICL Ltd. recently...  
...computerized refrigerator with a flat-panel display and bar-code reader  
that would let consumers **scan product** containers to build a shopping  
list that could be **uploaded** to a database server at a grocery store,  
which would then deliver those items.

Handheld...

22/3,K/16 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2002129 Supplier Number: 02002129 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
3Com PalmPilot Gets Web Browser, Paging, Fax  
(PageMart's new card for PalmPilot will add 2 MB of memory to the handheld  
organizer; Smartcode Software offers HandWeb, HandStamp Pro, and HandFax  
applications)  
Newsbytes News Network, p N/A  
November 25, 1997  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 739

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s new card for the PalmPilot will add two megabytes (MB) of memory to  
the **handheld** organizer, along with the ability to receive alphanumeric  
pager messages of up to 300 characters...

...even when the PalmPilot is turned off, according to Vassos. Other  
capabilities include: message management; **wireless** calendar updates;  
HotSync to the PalmPilot desktop application; options for local, national,  
and international roaming...

...customizable folders. Other features include copy and paste to other  
applications, and the ability to **download** PalmPilot applications and  
databases over the Internet, according to Modjeska. The new HandStamp Pro  
supports...

...SMTP (Simple Mail Transfer Protocol) and POP (point of presence) 3 mail services. Users can **download** messages of up to 50K, and store incoming mail in eight customizable folders. Other capabilities...

...computer gaming software from Sierra Online and support for PalmPilot in Corex's CardScan business **scanning product**. As previously reported in Newsbytes, the new CardScan 3.05 adds a new conduit to...

22/3,K/17 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01838320 04-89311

**Data capture grows wider**

Whiting, Rick; Caldwell, Bruce

Informationweek n738 PP: 59-72 Jun 14, 1999

ISSN: 8750-6874 JRNL CODE: IWK

WORD COUNT: 2241

...TEXT: 6-Kbyte databases to 64-Mbit memory chips costing just \$6 can be built into **handheld** devices, specialpurpose terminals, and even household appliances. The United Kingdom's ICL Ltd. recently debuted...

... computerized refrigerator with a flat-panel display and bar-code reader that would let consumers **scan product** containers to build a shopping list that could be **uploaded** to a database server at a grocery store, which would then deliver those items.

Handheld...

22/3,K/18 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

13146146

**PR Newswire California Summary, Wednesday, Oct. 04, 2000 up -2-**

PR NEWSWIRE

October 04, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1319

... r f bc-CA-Liquid-Audio-Disc (LOS ANGELES) Liquid Audio and Disc Makers Announce **Digital Download** Services for Independent Artists SFW066 10/04/2000 08:32 r f bc-CA-AltaVista...

... r f bc-CA-Informatica-B2B (PALO ALTO) Informatica Unveils Packaged Analytic Application for B2B **Digital** Marketplaces SFW103 10/04/2000 09:02 r f bc-CA-Informatica-award (PALO ALTO...CA-InformedInvesors (ROSEVILLE) Bluetooth Technology Industry Leader Psion PLC Plus Dataquest Analyst Stan Bruederle Talk **Wireless** on 'Tech Check Radio' Today SFW092 10/04/2000 09:04 r f bc-CA...

... bc-CA-CMP-Media-Event (SAN FRANCISCO) Industry Experts Address Key Technology Trends at International **Digital** Signal Processing Event LAW059 10/04/2000 10:07 r e bc-CA-Tiger-Jam...

... 01 r f bc-CA-Indicast-Inc. (CARLSBAD) Indicast Becomes First Voice Portal to Sign **Wireless** Carrier CLW005 10/04/2000 11:03 r f bc-VA-FutureNext-SEMI (MCLEAN) John...



22/3,K/19 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09715898 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Windows shoppers: Retailers eyeing Internet to boost in-store sales**  
EDDIE BAEB  
CRAIN'S CHICAGO BUSINESS, p15  
February 14, 2000  
JOURNAL CODE: WCCB LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1327

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... at stations in a mall. After they are returned, the scanned products' descriptions can be **downloaded** onto the Web.

The wish list product, called FastFrog.com, is geared toward teenagers looking...

22/3,K/20 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03076341 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SWIPE YOUR SHOPPING**  
TIMES  
March 11, 1998  
JOURNAL CODE: FTMS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 541

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... phone contains Symbol's laser and radio technology which will let it connect to the **wireless** communications networks now operating in some larger stores. As soon as the phone comes within...

... Consumers can then order goods for home delivery by going online to the store and **downloading** barcodes.

These codes could also be scanned from a mail order catalogue and then sent...

22/3,K/21 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03038927  
**NetWaveInc.com-TM Kicks Off QuickBuy-TM Enabling Faster, Easier, Safer E-Business**  
BUSINESS WIRE  
October 07, 1998  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 674

... Visual Link Object (VLO) technology, the QuickBuy Server enables merchants to present their goods as **portable**, "buyable" objects that look

like any other standard web image to web browsers, but contain...

... Desktop Shopping with Security Consumers with a Windows 95, 98, or NT desktop can easily **download** the QuickBuy Shopper, from a QuickBuy Enabled website, or directly from NetWaveInc.com's high-bandwidth **download** page. The client application then resides on the user's PC, enabling them to drag ...

**22/3,K/22 (Item 5 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03007395

**Check Point Software Technologies and Trend Micro Team to Combat Internet Gateway Security Threats**

PR NEWSWIRE

October 05, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1009

... Connectivity) Alliance in April when Trend announced plans to develop the first CVP-compliant virus **scanning product** for the Solaris platform. Since that time, InterScan VirusWall 2.6 for Solaris has been...

...Calif., and offices worldwide. Evaluation copies of all of Trend Micro's products may be **downloaded** from its award-winning site, <http://www.antivirus.com>. Web site visitors may also test...

**22/3,K/23 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02490469 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Wrist technology trialled**

GROCER

August 08, 1998

JOURNAL CODE: FGCR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 107

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a wireless network to the wrist terminals. Operators then pick each order line by line, **scanning product** and location barcodes to confirm they have chosen the items.

**22/3,K/24 (Item 1 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00302242 20000616168B3502 (USE FORMAT 7 FOR FULLTEXT)

**Corporate Profile for BeeLineShopper.com, dated June 16, 2000**

Business Wire

Friday, June 16, 2000 06:17 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 338

...lists, while helping them eat healthier, shop faster and save money.  
It starts with a **portable , handheld** scanner in the kitchen. As grocery items get used, the barcodes on the packaging are...

...in a cradle connected to the customer's computer. The scanned grocery items are automatically **uploaded** to our web site. The BeeLine system is easy for anyone to use and can...

...allergies and foods that are off-limits for people with lifestyle diets.

We compare the **scanned items** against the customer's nutritional preferences. A personalized shopping list is printed on the customer...

**22/3,K/25 (Item 2 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00264625 20000425116B4921 (USE FORMAT 7 FOR FULLTEXT)  
**Coda Music Technology, Inc. Announces Music Scanning Technology**  
Business Wire  
Tuesday, April 25, 2000 16:54 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 374

TEXT:

...Finale(R), Allegro(R) and PrintMusic!(R). The MidiScan technology will allow Coda customers to **import** a TIF, PCX or BMP file of printed music produced by any scanning device, translate...

...the best music scanning technology. Coda products, in addition to providing MidiScan technology, will also **import** files from Musitek's other music **scanning product** , SmartScore(TM), which can be purchased separately.  
Music scanning expedites the process of taking printed music and turning it into a flexible **digital** format. This is a useful feature for customers of Coda's notation products who have...

**22/3,K/26 (Item 1 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

2051363 49760434  
**KIOSKS ARE CATCHING ON Windows shoppers**  
Baeb, Eddie  
Crain's Chicago Business v23n7 p15  
Feb 14, 2000  
WORD COUNT: 1,317  
DATELINE: Chicago Illinois

TEXT:

...and the other is used to compile an online wish list.

In both cases, the **hand - held** devices are checked out at stations in a mall. After they are returned, the **scanned products** ' descriptions can be **downloaded** onto the Web.

The wish list product, called FastFrog.com, is geared toward teenagers looking...

22/3,K/27 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0315623 92-63470

**Latin America Gets Hot Again, Suddenly**

Kranz, Patricia

Crains New York Business (New York, NY, US), V8 N32 s1 p11

PUBL DATE: 920810

WORD COUNT: 1,236

DATELINE: New York, NY, US

TEXT:

...medical and food service supplies, computer components and telecommunications equipment.

Symbol Technologies Inc., which manufactures **handheld portable** computers and bar code **scanning products** , is exceeding its 1992 targets for Latin America. Victor Spencer, director of international sales at...

...I., company, says Symbol's growth in Latin America is sparked by the reduction in **import** barriers. A second factor is the growing awareness of Latin business people that open borders...  
?

23/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

10163410 Supplier Number: 93135464 (USE FORMAT 7 FOR FULLTEXT)  
**Booker delivery hubs go online. (News)..(Booker Cash and Carry) (Brief Article)**  
Watson, Elaine  
Grocer, v225, n7575, p8(1)  
Oct 12, 2002  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 260

... scan products using a hand-held device that can be plugged into a cradle, uploads **orders** on to a PC and **sends** them to the depot. This is more accurate and efficient than the current system, whereby...

23/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

10048686 Supplier Number: 82015329 (USE FORMAT 7 FOR FULLTEXT)  
**EDI makes a Difference: Sharing electronic data between wholesalers and retailers gives inventory management new power. (Technology Update).**  
Reid, Keith  
National Petroleum News, v93, n10, p54(4)  
Sept, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2004

... point barrier, and sometimes you have to eat a few percent of margin."

Simplifying the **ordering process** is the use of **handheld** scanners with which the store manager walks down the aisles **scanning products** that need to be ordered, entering the appropriate quantity, and then **uploads** this data for automatic **ordering** during the next store polling **process**. The same technology simplifies the receiving process, allowing store personnel to scan in deliveries for...

23/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04999557 Supplier Number: 47342343 (USE FORMAT 7 FOR FULLTEXT)  
**Bar coding helps utility track inventory**  
Beaty, Wayne  
Electric Light & Power, p36  
May, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 505

... easily moved from one location to another.  
All data collection can now be accomplished with **hand - held** terminals from Symbol Technologies. The terminals allow both scanned and

key-entered data. Items are **received** into inventory, picked for work **orders**, moved within the warehouse and transferred to other warehouses with SmarTrac software. The user simply...

...or she is prompted for the needed information. Users can even generate orders using the **hand - held** terminals. Data are collected for order generation by **scanning** item numbers and quantities. This information is then **uploaded** to the SmarTrac system, and a report is printed out for each vendor with item...

**23/3,K/4 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

15098795 SUPPLIER NUMBER: 93135464 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Booker delivery hubs go online. (News). (Booker Cash and Carry) (Brief Article)**

Watson, Elaine

Grocer, 225, 7575, 8(1)

Oct 12, 2002

DOCUMENT TYPE: Brief Article ISSN: 0017-4351 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 260 LINE COUNT: 00022

... scan products using a hand-held device that can be plugged into a cradle, uploads **orders** on to a PC and **sends** them to the depot. This is more accurate and efficient than the current system, whereby...

**23/3,K/5 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

14522215 SUPPLIER NUMBER: 82015329 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**EDI makes a Difference: Sharing electronic data between wholesalers and retailers gives inventory management new power. (Technology Update).**

Reid, Keith

National Petroleum News, 93, 10, 54(4)

Sept, 2001

ISSN: 0149-5267 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2004 LINE COUNT: 00173

... to eat a few percent of margin."

Simplifying the ordering process is the use of **handheld** scanners with which the store manager walks down the aisles scanning products that need to be ordered, entering the appropriate quantity, and then **uploads** this data for automatic **ordering** during the next store polling **process**. The same technology simplifies the receiving process, allowing store personnel to scan in deliveries for...

**23/3,K/6 (Item 1 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

3561763 Supplier Number: 03561763 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Booker delivery hubs go online. (News)**

Grocer (The), v 225, n 7575, p 8(1)

October 12, 2002  
DOCUMENT TYPE: Journal ISSN: 0017-4351 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 242

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

The system lets customers compile orders offline using up to date product lists **downloaded** from the net and **upload** them to the depot in seconds via a new website. Alternatively, they can **scan products** using a **hand-held** device that can be plugged into a cradle, **uploads orders** on to a PC and **sends** them to the depot. This is more accurate and efficient than the current system, whereby...

**23/3,K/7 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02228175 82005767

**EDI makes a difference**

Reid, Keith  
NPN, National Petroleum News v93n10 PP: 54-57 Sep 2001  
ISSN: 0149-5267 JRNL CODE: NPN  
WORD COUNT: 1899

...TEXT: point barrier, and sometimes you have to eat a few percent of margin."

Simplifying the **ordering process** is the use of **handheld** scanners with which the store manager walks down the aisles **scanning products** that need to be ordered, entering the appropriate quantity, and then **uploads** this data for automatic **ordering** during the next store polling **process**. The same technology simplifies the receiving process, allowing store personnel to scan in deliveries for...

**23/3,K/8 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

25524753 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Booker delivery hubs go online**

GROCE

October 12, 2002

JOURNAL CODE: FGCR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 248

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... scan products using a hand-held device that can be plugged into a cradle, uploads **orders** on to a PC and **sends** them to the depot. This is more accurate and efficient than the current system, whereby...

**23/3,K/9 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03038927

**NetWaveInc.com-TM Kicks Off QuickBuy-TM Enabling Faster, Easier, Safer E-Business**

BUSINESS WIRE

October 07, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 674

... The QuickBuy Shopper sends the product and customer data to the seller's website for **order processing**. The consumers **receive** the products they want without any forms to fill out, or passwords to remember. "One...

... Desktop Shopping with Security Consumers with a Windows 95, 98, or NT desktop can easily **download** the QuickBuy Shopper, from a QuickBuy Enabled website, or directly from NetWaveInc.com's high-bandwidth **download** page. The client application then resides on the user's PC, enabling them to drag ...

**23/3,K/10 (Item 1 from file: 570)**

DIALOG(R)File 570:Gale Group MARS(R)

(c) 2004 The Gale Group. All rts. reserv.

02189592 Supplier Number: 82015329 (USE FORMAT 7 FOR FULLTEXT)

**EDI makes a Difference: Sharing electronic data between wholesalers and retailers gives inventory management new power. (Technology Update).**

Reid, Keith

National Petroleum News, v93, n10, p54(4)

Sept, 2001

ISSN: 0149-5267

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2004

... point barrier, and sometimes you have to eat a few percent of margin."

Simplifying the **ordering process** is the use of **handheld** scanners with which the store manager walks down the aisles **scanning products** that need to be ordered, entering the appropriate quantity, and then **uploads** this data for automatic **ordering** during the next store polling **process**. The same technology simplifies the receiving process, allowing store personnel to scan in deliveries for...

?



File 256:TecInfoSource 82-2004/Jul  
(c)2004 Info.Sources Inc  
File 2:INSPEC 1969-2004/Oct W1  
(c) 2004 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2004/Sep  
(c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/Oct W2  
(c) 2004 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep  
(c) 2004 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 474:New York Times Abs 1969-2004/Oct 11  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Oct 11  
(c) 2004 The New York Times

Set	Items	Description
S1	30	SCAN?()BARCOD?
S2	241	SCAN?() (PRODUCT OR PRODUCTS OR MERCHANDISE OR ITEM OR ITEMS OR GOODS)
S3	13	(S1 OR S2) (5N) ((MOBILE OR PORTABLE OR PDA OR PERSONAL()DIGITAL()ASSISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()HELD) OR PDAS OR LAPTOP? OR PALMTOP?)
S4	0	S3(5N) (SHOPPING() (AID OR AIDS OR ASSISTANCE OR TROLLEY OR TROLLIES OR CART OR CARTS OR BASKET?) OR TROLLEY OR TROLLIES)
S5	1	S3(5N) (STORE OR STORES STORING OR SAVE OR SAVES OR SAVING)
S6	0	S3(5N) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) ()LOAD?)
S7	52674	(CREAT? OR SEND OR SENDS OR SENDING OR RECEIV? OR PROCESS?-) (5N) (ORDER OR ORDERS OR ORDERING)
S8	15	AU=(HANSMANN, U?, HANSMANN U? OR MERK, L? OR MERK L? OR ST- OBER, T? OR ST- OBER T?)
S9	8	S3 NOT PY>2000
S10	8	RD (unique items)
S11	1	S5 NOT S10
S12	0	S3 AND S7
S13	270	S1 OR S2
S14	65	S13 AND ((MOBILE OR PORTABLE OR PDA OR PERSONAL()DIGITAL()- ASSISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()HELD) - OR PDAS OR LAPTOP? OR PALMTOP?)
S15	0	S14 AND (SHOPPING() (AID OR AIDS OR ASSISTANCE OR TROLLEY OR TROLLIES OR CART OR CARTS OR BASKET?) OR TROLLEY OR TROLLIES)
S16	7	S14 AND (STORE OR STORES STORING OR SAVE OR SAVES OR SAVIN- G)
S17	6	S16 NOT S10
S18	6	RD (unique items)
S19	3	S14 AND (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) ()L- OAD?)
S20	3	S19 NOT (S10 OR S18)
S21	2	S14 AND S7
S22	2	S21 NOT (S10 OR S18 OR S20)
S23	0	S13 AND S8

10/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00125383 DOCUMENT TYPE: Review

**PRODUCT NAMES:** PureEcommerce Platform (014036)

**TITLE:** Fulfilling the Promise of E-Business  
**AUTHOR:** Shand, Dawne  
**SOURCE:** Knowledge Management, p26(6) Aug 2000  
**HOME PAGE:** <http://www.kmmag.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Yantra's PureECommerce Platform is highlighted in a discussion of inventory management and order fulfillment choices for e-commerce companies. Various users, vendor spokespeople, and experts describe how optimized order fulfillment and logistics can enhance e-commerce customer service and revenues. For instance, Papa John International has over 2,000 pizza restaurants, but UPS Logistics delivers cheese, dough, and tomato paste to the stores. Back-end partnering agreements among vendors and delivery companies show how some companies extend enterprises to meet the demands of e-business fulfillment. Shipping companies currently review their clients' business plans and attune their inventory levels. Distribution warehouses store products and also host activities previously managed by manufacturers. Information technologies also enhance inventory level management in distributed warehouses and track products as they are transported. To keep inventories at their optimum and most cost-effective levels while still maintaining the ability to meet orders, Toysmart built an order fulfillment center. Its system is based on PureCommerce order fulfillment software, which allows **handheld** devices to **scan barcodes** and transport inventory data via radio frequency (RF). However, other industries, including telecommunications and computers, where inventory becomes outdated quickly, need to have goods moved quickly; many of these vendors use Airborne Express, FedEx, and UPS, whose tracking systems monitor transportation of goods.

**COMPANY NAME:** Yantra Corp (651257)  
**SPECIAL FEATURE:** Charts  
**DESCRIPTORS:** Barcoding; Customer Service; Distribution Management;  
E-Commerce; Order Fulfillment; Restaurants  
**REVISION DATE:** 20020630

10/5/2 (Item 2 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
(c)2004 Info.Sources Inc. All rts. reserv.

00114338 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Software Agents (835561); Internet Marketing (835552)

**TITLE:** License to Bill: Agents are terrifying to retailers  
**AUTHOR:** Majer, Alan Dover, Mike  
**SOURCE:** NewMedia, v9 n1 p11(1) Jan 1999  
**ISSN:** 1060-7188  
**HOME PAGE:** <http://www.newmedia.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Agents, which find the best deals available on the Internet from online retailers, tell shoppers prices, features, and shipping in just seconds. Shopping bots can be even more useful if they learn the behavior of each consumer and can be programmed to hunt the Internet for desired items even when the consumer is not logged on. For e-commerce sites, such agents mean that some sites will have to compete more effectively by lowering prices. However, shopping agents are more of a danger to physical stores, which have higher sales costs. Bots could encourage customers to buy from the Web to the extent that they will spend less time in retail establishments. An example of a site that provides access to shopping bots is [www.botspot.com](http://www.botspot.com), which lists over 30 shopping agents, including [mysimon.com](http://mysimon.com), [aces.com](http://aces.com), and [roboshopper.com](http://roboshopper.com). Such sites as [Compare.net](http://Compare.net) add to the power of shopping bots with an online buyers' guide from specific product categories. However, intelligent shopping agents do not only find bargains. A new group of agents will assist in finishing transactions while staying inside a stated budget. Andersen Consulting has developed the Pocket Bargain Finder, a portable phone with a **wireless** modem and a stylus for **scanning barcodes**. It finds the lowest possible price for an item over the Internet in real time, and can be used in retail establishments to compare prices or plan a shopping trip.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Internet Marketing; Retailers; Software Agents  
REVISION DATE: 20010330

**10/5/3 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02605463 INSPEC Abstract Number: C86013706

**Title: Reading the bar code**

Author(s): Hynard, K.

Conference Title: AIM (UK) '85. Combined Conference and Exhibition on Automatic Identification p.8 pp.

Publisher: AIM (UK), Halifax, UK

Publication Date: 1985 Country of Publication: UK 206 pp.

Conference Sponsor: AIM UK

Conference Date: 17-19 April 1985 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Product Review (R)

Abstract: Outlines the equipment available for scanning and reading the bar code. The author concentrates on **hand - held scanning products** which include wands, laser and non-laser guns, and portable data entry terminals. (0 Refs)

Subfile: C

Descriptors: mark scanning equipment

Identifiers: bar code reading; laser guns; nonlaser guns; **hand - held scanning products**; wands; portable data entry terminals

Class Codes: C0310H (Equipment and software evaluation methods); C5590 (Other peripheral equipment)

**10/5/4 (Item 1 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00325185 93MW09-008

**A handful of thunder -- Portable scanner**

Crotty, Cameron

Macworld , September 1, 1993 , v10 n9 p38, 1 Page(s)

ISSN: 0741-8647

Company Name: Thunderware

Product Name: LightningScan Portable

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Reports that Thunderware (510) will ship in August 1994 its LightningScan Portable scanner (\$450). Says it features a rechargeable battery pack built into a serial interface box, 400-dpi resolution; and will be bundled with ThunderWorks, a scanning and editing software, as well as Silicon Beach add-in and OCR Personal software. Includes one photo. (dpm)

Descriptors: **Scanner ; Product Announcement ; Portable ; Image Processing; Bundled Software**

Identifiers: LightningScan Portable; Thunderware

**10/5/5 (Item 1 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06603439

Mustek successfully expands into DVD production

TAIWAN: MUSTEK EXPECTS NT\$10 BILLION IN REVENUE

China Economic News (AMH) 18 Mar 1998

Language: ENGLISH

Mustek System Inc. of Taiwan expects to earn a revenue of NT\$10 billion in 1998. 90% of the revenue is expected to come from the sales of **scanner products** and 10% from **digital** cameras, DVDs, digital photo printers, and LCD projects and other products. It has extended its product lines to include DVDs as the company has newly developed prototypes of DVD players and DVD ROMs, a company official said. In May 1998, it will start producing DVD products in a large volume, for sales in July 1998. The company is now making effort in setting up co-operation with Taiwan electronics products makers for DVD OEM or ODM business. In addition, it will tap the markets of the U.S. and Europe for its DVD ROM products. The company is aiming at producing 20,000 digital cameras per month, with a sales volume of 250,000 digital cameras in 1998. \*

COMPANY: MUSTEK SYSTEM INC

PRODUCT: Document Image Management Systems (3573DM); Compact Disc Players (3651CP); Optical Storage (3679OP);

EVENT: Plant/Facilities/Equipment (44); Planning & Information (22);

Company Reports & Accounts (83);

COUNTRY: Taiwan (9TAI);

**10/5/6 (Item 2 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06528898

Sony to Introduce High-Speed Film Scanner

JAPAN: QUICKER FILM SCANNER FROM SONY

Photo Electro News (ZCG) 26 Sept 1997 p.1

Language: ENGLISH

In December a new and quicker **digital film scanner product** is to be launched by the Japanese firm Sony, which can compress scanned data into the JPEF format. Called the UY-S77 it will cost Y 800,000 and be able to scan 2048x3072 resolution 35mm film frames in 9 seconds, while resolution up to 1024x1536 will take 3 seconds per frame.

COMPANY: SONY

PRODUCT: Document Image Management Systems (3573DM);

EVENT: Product Design & Development (33);

COUNTRY: Japan (9JPN);

10/5/7 (Item 3 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06508736

kodak launches new digital cameras

PHILIPPINES: KODAK DIGITAL CAMERA LAUNCHED

Manila Bulletin (XAZ) 17 Aug 1997 p. B-6

Language: ENGLISH

Kodak Philippines has launched the three **digital camera and scanner products** in the Philippines Launched were the Kodak Digital DC120 Zoom digital camera priced at under PP 3,500, the DV300 digital video camera priced at over PP 6,000, and the PhotoDoc colour scanner priced at PP 8,900.

COMPANY: KODAK PHILIPPINES

PRODUCT: Document Image Management Systems (3573DM); Camcorders (3651CA);

EVENT: Product Design & Development (33);

COUNTRY: Philippines (9PHI); United States (1USA);

10/5/8 (Item 4 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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03762270

STANDARD SPECIFICATION FOR HAND-HELD SCANNER

US - STANDARD SPECIFICATION FOR HAND-HELD SCANNER

Computergram International (CGI) 8 October 1990 p1

ISSN: 0268-716X

A standard specification for a hand-held scanner programmer interface has been developed by the Scanner Programmer Interface Association, which includes Award Software International, Mouse Systems, Media Cybernetics, Corel Systems and Marstek, all scanners, for use by the information industry worldwide. The Standard Programmer Interface specification is intended to facilitate the development and manufacturing of **hand - held scanner products** and applications by software and hardware companies, and can be used with MS-DOS, OS/2, Microsoft Windows and Unix. The Los Angeles body will be promoting its standard at Comdex, and claims it has US National Bureau of Standards backing.\*

PRODUCT: Micrographic Equipment (3861MG);

EVENT: COMPANIES ACTIVITIES (10);

COUNTRY: United States (1USA); NATO Countries (420); South East Asia

11/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00132578 DOCUMENT TYPE: Review

PRODUCT NAMES: CCD (Charge Coupled Devices) (846201)

TITLE: Charge-Coupled Device  
AUTHOR: Thompson, Tom  
SOURCE: Computerworld, v35 n32 p49(1) Aug 6, 2001  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A charge-coupled device (CCD) is a light-responsive integrated circuit employed in **scanners**, **barcode** readers, **digital** cameras, and **digital** video cameras. CCDs **store** electrical charges, created when photons strike semiconducting material. With each CCD representing a single pixel, the technology can offer sharp imaging and resolutions that do not degrade. In fact, many digital cameras offer sensors with ranges of 6 million pixels. CCD charges are transferred through a number of gates, resulting in the transformation of analog images to digital form. This process is termed 'coupling.' Since CCDs are sensitive to light intensity, not color, three CCD imaging arrays often are employed. The arrays represent three primary colors. The information from these arrays are merged to create color images. However, arrays can vary. For example, Canon's digital cameras reference cyan, yellow, green, and magenta instead of red, green, and blue. CCDs were invented in 1969 by Bell Labs' George Smith and Willard Boyle. The technology is used in everything from television cameras to computer scanners. Among negatives, CCDs sometimes distort images. Also, CCD technology is expensive.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Digitizing; Image Processing; Photography; Scanners  
REVISION DATE: 20030825

17/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00140236 DOCUMENT TYPE: Review

PRODUCT NAMES: VoxView (118249)

TITLE: Retailers embrace speech-based systems  
AUTHOR: Staff  
SOURCE: Frontline Solutions, v3 n6 p51(2) Jun 2002  
ISSN: 0890-9768  
HOMEPAGE: <http://www.frontline.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Voxware's VoiceLogistics and VoxView, a Web-based management solution that provides monitoring and reporting for speech-based systems, are highlighted in a discussion of the increasing use of speech-based systems by retailers. For instance, Somerfield, a grocer in the United Kingdom, is deploying speech recognition technology in its distribution operations. Neil Rixon, logistics development director for Somerfield, says benefits include better productivity and accuracy that will improve profitability. Combined advantages include better order accuracy and increased visibility to distributed operations, which will greatly improve service levels to stores. The Voxware VoiceLogistics system will be deployed for picking operations in some areas, and also for put-to-store operations with catchweights. Speech-based logistics systems generally include a wireless, wearable device with a headset, through which workers direct picking packing or putaway processes. Workers say serial numbers, quantities, and queries out loud, rather than scanning barcodes. Speech-based logistics tools are often used in areas where workers need both hands free for other work. The market for ruggedized wearable computers, according to one estimate, should have 40 percent growth compounded annually, reaching a value of \$258 million in 2005. Vocollect, a competitor to Voxware, says sales increased in 2001 at a 33 percent rate, which represented the fifth straight year of percentage increases of that size or larger.

COMPANY NAME: Voxware Inc (613771)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: AutoID; Order Fulfillment; Retailers; Speech Recognition  
REVISION DATE: 20030825

17/5/2 (Item 2 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00134875 DOCUMENT TYPE: Review

PRODUCT NAMES: Point of Sale (830228); 802.11 (845264)

TITLE: Wireless Point of Sale: Retail giants are eyeing big benefits from...  
AUTHOR: Greengard, Samuel  
SOURCE: Internet World, p48(3) Nov 2001  
ISSN: 1097-8291  
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

**Wireless** point-of-sale (POS) systems used by Home Depot, Kmart, Crate & Barrel, Hannaford Brothers, Best Buy, and Wal-Mart allow the retailers to track performance and speed customer checkout. **Wireless** POS allows associates to move to the lines and scan orders in while customers wait, so they can pay immediately upon reaching a register. Other abilities are also being added to POS devices, including self-service checkout and **wireless** terminals. They can process transactions at shopping kiosks located in a mall. **Wireless** POS generally runs over an 802.11 network, but evolving Bluetooth transmission also permits other transport modes. Advanced **wireless** technologies allow multiple devices that are fitted out with network cards or transceivers to send and receive data in the network. Therefore, customers, employees, and just about all other users of **handheld** PCs can access a database or POS system and use it to check prices, get product information, **scan items**, and perform other POS functions. Home Depot wants to expand **wireless** to all registers to allow performance monitoring and overruling correction without going to the register. Kmart has **wireless** POS, which is in all 2,100 or more stores, speeds checkout and allows associates to help shoppers in all parts of the store .

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: AutoID; Customer Service; Point of Sale; Retailers; Wi-Fi;  
**Wireless** Networks  
REVISION DATE: 20030330

17/5/3 (Item 3 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
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00133567 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--WuliWeb Inc (876003); Company--AirClic Inc (875708)

TITLE: File This Under W  
AUTHOR: Serva, Sandy  
SOURCE: eContent, v24 n7 p58(2) Sep 2001  
ISSN: 0162-4105  
HOMEPAGE: <http://www.onlineinc.com/econtent>

RECORD TYPE: Review  
REVIEW TYPE: Company

WuliWeb, which recently acquired AirClic, a provider of technology that allows **wireless** devices to **scan barcodes**, will soon be able to meet the needs of publishers and their advertisers, based on a robust, worldwide technology standard developed by AirClic, says James Grady, CEO of WuliWeb. WuliWeb's technology allows users to **save** information from the Internet, newspapers, magazines, or self-generated content to a personal online library. With WuliWeb, users will be able to select information they need and **store** it online by entering WuliCodes from the keyboard, phone, **personal digital assistant (PDA)**, or other **mobile** devices to an online account. WuliWeb becomes the content manager by filing and storing the information, which is accessible when needed. Currently, people get



some content that they need at no cost on the Internet, but they still like to read paper publications while sitting comfortably in a chair. Online reading is physically exhausting after any lengthy period, and print is also **portable**. WuliWeb WuliCodes are five digit numbers that are placed at the end of printed articles or in magazine ads. When that code is entered, it is stored in a personal online library, and the user need not search for it again. WuliWeb also automatically culls keywords from saved articles and creates an index. WuliWeb is working with publishers, including CMP Media, which publishes 42 magazines read by 6 million people, to launch the product.

COMPANY NAME: WuliWeb Inc (704385); AirClic Inc (710881)  
DESCRIPTORS: Barcoding; Internet Shopping; **Mobile** Computing; Software Marketing; **Wireless** Internet  
REVISION DATE: 20030330

17/5/4 (Item 4 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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00132578 DOCUMENT TYPE: Review

PRODUCT NAMES: CCD (Charge Coupled Devices) (846201)

TITLE: Charge-Coupled Device  
AUTHOR: Thompson, Tom  
SOURCE: Computerworld, v35 n32 p49(1) Aug 6, 2001  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A charge-coupled device (CCD) is a light-responsive integrated circuit employed in **scanners**, **barcode** readers, **digital** cameras, and **digital** video cameras. CCDs **store** electrical charges, created when photons strike semiconducting material. With each CCD representing a single pixel, the technology can offer sharp imaging and resolutions that do not degrade. In fact, many **digital** cameras offer sensors with ranges of 6 million pixels. CCD charges are transferred through a number of gates, resulting in the transformation of analog images to **digital** form. This process is termed 'coupling.' Since CCDs are sensitive to light intensity, not color, three CCD imaging arrays often are employed. The arrays represent three primary colors. The information from these arrays are merged to create color images. However, arrays can vary. For example, Canon's **digital** cameras reference cyan, yellow, green, and magenta instead of red, green, and blue. CCDs were invented in 1969 by Bell Labs' George Smith and Willard Boyle. The technology is used in everything from television cameras to computer scanners. Among negatives, CCDs sometimes distort images. Also, CCD technology is expensive.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Digitizing; Image Processing; Photography; Scanners  
REVISION DATE: 20030825

17/5/5 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00543771 99TL08-006

**From paper to computer: the world of scanners -- In service: Tech 101**

Branzburg, Jeffrey

Technology & Learning , August 1, 1999 , v20 n1 p41, 1 Page(s)

ISSN: 1053-6728

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Examines the process involved in converting images on paper to computer images through the use of a scanner. Indicates that a scanner is a device connected to a computer that can read the patterns of light and dark on a piece of paper. Says that the paper can contain text, photographs, or graphics, and that the scanner can **store** the pattern as **digital** information in a computer file. Reveals that the price of scanners has dropped in recent years from around \$1,000 for a low-end model to as little as \$49. Presents examples of classroom uses: scanning student artwork in order to compile a class project or scanning old maps, newspaper items, and photos of historical sites for a history project. Adds that any **scanned items** can then be re-sized, captioned, and supplemented with sound and motion for a multimedia show or school Web site. Comments that now may be the time to lobby for a scanner in the classroom. Includes one illustration. (af)

Descriptors: Scanner; Graphics; Education; Art; Image Processing

17/5/6 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00203856 89HC10-004

**Special pursuits: have you listened to a book lately?**

Soman, Shirley Camper

Home Office Computing , October 1, 1989 , v7 n10 p16, 1 Pages

ISSN: 0899-7373

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Reports that Kurzweil Computer Products of Cambridge, MA (617) announced the release of PC/KPR (\$4,000 to \$8,000), a PC-compatible product that scans text, read aloud, and **store** the text as a file. Requires a 640K IBM PC computer with a hard-disk drive and DOS 3.0 or higher. Comes with a PC plug-in card, software, and a desktop scanner. Says the product is perfect tool for people who are blind or have difficulty in reading. Says a **portable** version with a software and an 18-button keypad costs \$8,000 to \$12,000. Includes loan facilities available especially for disabled people. (rqe)

Descriptors: Reader; Speech Synthesis; **Scanner** ; **Product Announcement** ; Input/Output

Identifiers: PC/KPR; Kurzweil

?

20/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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01046591 DOCUMENT TYPE: Product

PRODUCT NAME: STOCKTRAKKER 2.1 (046591)

Bar Code Applications Inc (049522)  
816 Peace Portal Way #113  
Blaine, WA 98230 United States  
TELEPHONE: (604) 451-7878

RECORD TYPE: Directory

CONTACT: Sales Department

STOCKTRAKKER 2.1 from Bar Code Applications is a barcode data collection system for warehouses and distributors. It tracks items throughout the process of receiving, storing, shipping, and inventory. Its benefits include reduced costs, improved reporting, and elimination of human error associated with manual data entry. STOCKTRAKKER enables users to scan the barcodes of incoming items using a **portable** scanner or, optionally, a scanner attached to a PC. Data gathered by a **portable** device can be easily **uploaded** to the PC within minutes. After the user enters the barcodes of all incoming items, STOCKTRAKKER automatically updates the inventory file and creates a file for exporting the data to the accounting or main system. When the items are stored, their physical location can be scanned and included in the inventory file. STOCKTRAKKER guarantees accuracy in shipping items by automatically checking the **scanned barcode** of an item against the order data stored within the **portable** scanner or, optionally, from a list that details the order. It maintains inventory by serial number and enables users to search for items and view their order status.

DESCRIPTORS: AutoID; Barcoding; Distributors; Inventory; Material Control; Retailers; Warehouse Management

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: Windows; Windows NT/2000  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Cross Industry, Warehouses, Distributors  
PRICE: \$5,500

TRAINING AVAILABLE: Telephone support; e-mail support; remote diagnostics; technical support  
REVISION DATE: 20010830

20/5/2 (Item 2 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
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01046523 DOCUMENT TYPE: Product

PRODUCT NAME: On Hand (046523)

Stevens Creek Software LLC (651813)  
PO Box 2126

Cupertino, CA 95015 United States  
TELEPHONE: (408) 725-0424

RECORD TYPE: Directory

CONTACT: Sales Department

Stevens Creek Software offers On Hand, a data collection and barcode scanning tool for **palmtop** computer users. It can be used along with a **downloaded** catalog to identify **scanned items**, or without a catalog, to simply collect **scanned barcodes**. On Hand includes IntelliScroll (TM), which enables users to select items from a catalog without a scanner. In addition to these inventory tasks, On Hand can collect information such as location, model, serial number, or asset tag number. All collected data can easily be transported to the desktop or printed directly from the **handheld** device with PalmPrint software.

DESCRIPTORS: AutoID; Barcoding; Data Acquisition; Handhelds & **Palmtops**; Inventory; Material Control; **Mobile** Computing; Retailers

HARDWARE: Palm

OPERATING SYSTEM: Palm OS; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Cross Industry, Data Collection, Palm Computer Owners

PRICE: Available upon request

OTHER REQUIREMENTS: Palm OS 3+; compatible scanner; System 8+ or Win 9x+ on desktop

REVISION DATE: 20010830

20/5/3 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5074795

**Title:** Sweet success at Dunhills

Author(s): Liston, G.

Journal: ID Systems European Edition vol.3, no.4 p.22, 25-6, 50

Publication Date: Sept. 1995 Country of Publication: USA

CODEN: ISEEEE ISSN: 1081-275X

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: A venerable sweets manufacturer users bar code to guarantee product quality. Product specifications are stored on the company's Novell network and **downloaded** to Radix FW60 **handheld** computers each morning. The Radix computers are equipped with Spectra-Physics SP400 bar code **scanners**. **Product** specification files for both raw materials and finished products combined require 8 MB on the network server, but when compressed and specific information is extracted, the **downloaded** files are only 0.5 MB. The program on the **handheld** computer reads information from the specifications and, depending on parameters, asks certain questions. For example, if the field "Check Weight" contains Y, then the system will validate the weight printed on a bag. (0 Refs)

Subfile: D

Descriptors: bar codes; food processing industry; local area networks; notebook computers; quality control

Identifiers: Dunhills; sweets manufacturer; bar code; product quality; product specifications; Novell network; Radix FW60 **handheld** computers; Spectra-Physics SP400 bar code scanners; raw materials; finished products;

22/5/1 (Item 1 from file: 256)  
DIALOG(R)File 256:TecInfoSource  
(c)2004 Info.Sources Inc. All rts. reserv.

00126439 DOCUMENT TYPE: Review

PRODUCT NAMES: ViaWare WMS (432059)

TITLE: Web-Enabled, Wireless , and Wonderful: Warehouse Management Systems

AUTHOR: Malone, Bridget

SOURCE: Electronic Commerce World, v10 n8 p40(3) Aug 2000

ISSN: 1092-0366

HOME PAGE: <http://www.ecomworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Provia Software's VIAWARE WMS is used by Ryder System, a logistics and transportation provider, to deploy Web-enabled, **wireless**, efficient warehouse management. Warehouses, which are now distribution centers rather than inventory storage facilities, could at some point become unnecessary. With new technologies and software running warehouses, the actual bricks-and-mortar warehouse could become obsolete. About 3,000 WMS vendors operate in the market. The use of **wireless handheld** devices in combination with **handheld** barcode scanners and Internet transmission can significantly streamline many activities. A WMS coordinates the stock on a warehouse's **receiving** dock with outbound **orders**, so that put-away and pick activities are unnecessary and cross-docking can replace those tasks. Cross-docking is growing in popularity, says Chris Newton, an industry analyst for supply chain management (SCM), who also explains that companies using warehouse management systems do so to 'make their processes fluid.' Topics covered include scanning the Internet; Symbol Technologies, which uses barcodes and lasers to **scan items** and creates a data file that moves around with the goods; and VIAWARE, which has been expanded to include a transportation management system, order management, and yard management.

COMPANY NAME: Provvia Software Inc (552526)

DESCRIPTORS: AutoID; Barcoding; Distribution Management; E-Commerce; Material Control; Warehouse Management; **Wireless** Networks

REVISION DATE: 20020730

22/5/2 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09226475

Pace hands grocers a TV solution

UK: PACE DEVELOPS HOME SHOPPING DEVICE

Retail Week (RWK) 07 Jan 2000 p.8

Language: ENGLISH

Pace Micro Technology has developed a new **handheld** device that allows home shopping through **digital** television set-top boxes. The device is called the Shopping Mate and it communicates with a set-top box via radio frequencies. The set-top box then connects to the supermarket and orders the products for the customer. The Shopping Mate can also be used in

supermarkets to **scan** **items** that can then be added to future shopping lists from its databank. Pace Micro is said to have had a number of enquiries from supermarkets and retailers about the Shopping Mate, although has not yet **received** any **orders** .

COMPANY: PACE MICRO TECHNOLOGY

PRODUCT: Consumer Electronics (3650);

EVENT: Product Design & Development (33);

COUNTRY: United Kingdom (4UK);

File 348:EUROPEAN PATENTS 1978-2004/Oct W01  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20041007,UT=20040930  
(c) 2004 WIPO/Univentio  
File 331:Derwent WPI First View UD=200463  
(c) 2004 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	168	SCAN?()BARCOD?
S2	507	SCAN?() (PRODUCT OR PRODUCTS OR MERCHANDISE OR ITEM OR ITEMS OR GOODS)
S3	36	(S1 OR S2) (5N) ((MOBILE OR PORTABLE OR PDA OR PERSONAL() DIGITAL() ASSISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()-HELD) OR PDAS OR LAPTOP? OR PALMTOP?)
S4	1	S3(5N) (SHOPPING() (AID OR AIDS OR ASSISTANCE OR TROLLEY OR -TROLLIES OR CART OR CARTS OR BASKET?) OR TROLLEY OR TROLLIES)
S5	6	S3(5N) (STORE OR STORES STORING OR SAVE OR SAVES OR SAVING)
S6	0	S3(5N) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) () LOA-D?)
S7	114476	(CREAT? OR SEND OR SENDS OR SENDING OR RECEIV? OR PROCESS?-) (5N) (ORDER OR ORDERS OR ORDERING)
S8	10	AU=(HANSMANN, U?, HANSMANN U? OR MERK, L? OR MERK L? OR ST-OBER, T? OR STOBER T?)
S9	25	S3 AND IC=G06F
S10	1	S3(S)S7
S11	647	S1 OR S2
S12	37	S11(S) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) () LOA-D?)
S13	34	S12 NOT (S9 OR S10)
S14	19	S13 AND IC=G06F
S15	0	S11(S)S8

9/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01767053

**Generating a document augmented with notes**

**Generierung eines mit Notizen erweiterten Dokumentes**

**Generation de document augmente a l'aide d'annotations**

PATENT ASSIGNEE:

Ricoh Company, (2616510), 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo  
143-8555, (JP), (Applicant designated States: all)

INVENTOR:

Rhodes, Bradley J. Ricoh Innovations, Inc., California Reasearch Center  
2882 Sand Hill Road,, Suite 115 Menlo Park CA 94025-7022, (US)

LEGAL REPRESENTATIVE:

Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, 81677 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1443424 A1 040804 (Basic)

APPLICATION (CC, No, Date): EP 2003028208 031209;

PRIORITY (CC, No, Date): US 355378 030131

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 108

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200432	3391
SPEC A	(English)	200432	17628
Total word count - document A			21019
Total word count - document B			0
Total word count - documents A + B			21019

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION example, a user may scan a barcode using a scanner  
connected to the user's PDA . Electronic information corresponding to  
the **scanned barcode** (or electronic information from a time  
corresponding to the scanned barcode) may be output to...

9/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01657642

**Systems and methods for a consumer to determine food/medicine interactions**  
**Systeme und Methoden fur einen Verbraucher um Nahrungsmittel/Medikament-Int**  
**eraktionen festzustellen**

**Systemes et methodes permettant a un consommateur de determiner des**  
**interactions aliment/medicament**

PATENT ASSIGNEE:

Badinelli, Ellen, (4449480), 24 Stonehedge Drive, West Nyack, New York  
10094, (US), (Applicant designated States: all)

INVENTOR:

Badinelli, Ellen, 24 Stonehedge Drive, West Nyack, New York 10094, (US)

LEGAL REPRESENTATIVE:



Stevens, Ian Edward (78682), Eric Potter Clarkson, Park View House, 58  
The Ropewalk, Nottingham NG1 5DD, (GB)  
PATENT (CC, No, Kind, Date): EP 1363225 A2 031119 (Basic)  
APPLICATION (CC, No, Date): EP 2003252978 030514;  
PRIORITY (CC, No, Date): US 380736 P 020514; US 272596 021016  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK  
INTERNATIONAL PATENT CLASS: G06F-019/00  
ABSTRACT WORD COUNT: 41  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200347	668
SPEC A	(English)	200347	6018
Total word count - document A			6686
Total word count - document B			0
Total word count - documents A + B			6686

INTERNATIONAL PATENT CLASS: G06F-019/00

...SPECIFICATION devices like computers, PDA, mobile phones, static  
terminals installed in the store location and other **handheld** devices to  
**scan item** barcodes and/or nutrition labels and compare that  
information with the customer's nutrition profile...

9/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01513039

**Method and system for processing and using information**

**System und Verfahren zur Verarbeitung und zur Verwendung von Informationen**

**Methode et systeme pour le traitement et l'utilisation d'informations**

PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New  
York 11742-1300, (US), (Applicant designated States: all)

INVENTOR:

Schuessler, Frederick, 2 Osprey Overlook, Baiting Hollow, NY 11933, (US)

Katz, Joseph, 12 Hallock Meadow Drive, Stony Brook, NY 11790, (US)

Sanders, Robert, 4 Equine Lane, St.James, NY 11780, (US)

Poldino, Michael, 29 Oakdale Road, Centerport, NY 11721, (US)

Luciano, Vincent P., 59 Morton Street, Port Jefferson Station, NY 11776,  
(US)

Petrovich, Adam, 301 Old Chapel Trail, Pittsburgh, PA 15238, (US)

LEGAL REPRESENTATIVE:

Wagner, Karl H., Dipl.-Ing. et al (12561), WAGNER & GEYER Patentanwalte  
Gewurzmuhlstrasse 5, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1265166 A2 021211 (Basic)  
EP 1265166 A3 040303

APPLICATION (CC, No, Date): EP 2001126228 011105;

PRIORITY (CC, No, Date): US 827466 010406

DESIGNATED STATES: AT; BE; BG; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30 ; G06F-017/60

ABSTRACT WORD COUNT: 50

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200250	3603
SPEC A	(English)	200250	14587
Total word count - document A			18190
Total word count - document B			0
Total word count - documents A + B			18190

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

... G06F-017/60

...SPECIFICATION information component. The association is recorded on a information management database.

In one embodiment, a **portable** scanner is used to **scan items** , catalogs, newspaper or magazine articles, etc. The scanner stores the scanned bar codes in memory...

9/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00918088

Data retrieval system and method

Verfahren und System zum Wiederauffinden von Daten

Methode et systeme de recouvrement de donnees

PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New York 11742-1300, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;NL)

INVENTOR:

Klein, John, 220 La Via Azul Ct., Morgan Hill, California 95037, (US)  
Woloschin, Steve, 81 River Heights Dr.,, Smithtown, New York 11787, (US)  
sanders, robert, 11 North McConnell Avenue, Bayport, New York 11705, (US)  
Katz, Joseph, 12 Hallock Meadow Drive, Stony Brook, New York 11790, (US)  
Patel, Mehul, 5 Scott Court, Fort Salonga, New York 11768, (US)  
Swartz, Jerome, 199 Old Field Road, Old Field, New York 11733, (US)  
Swift, Philip, 1233 Lexington Ridge Drive, Lexington, Massachusetts 02173, (US)

Herrod, Allan, 20 Hickory Avenue, Farmingville, New York 11738, (US)  
Mulla, Altaf, 2073 Washington Street, merrick, New York 11566, (US)  
Lert, John, 4 Bonnie Brook Lane, Westport, CT 06880, (US)  
Tan, Chinh, 91 Cayuga Avenue, Centereach, New York 11720, (US)  
Barkan, Edward, 3 Enchanted Woods Court, Miller Place, New York 11764, (US)

Sheppard, Howard, 18 Provost Avenue, Great River, New York 11739, (US)  
Jwo, Chin-Hung, 10 Vineyard Way, Mount Sinai, New York, (US)

LEGAL REPRESENTATIVE:

Roberts, Gwilym Vaughan et al (78342), KILBURN & STRODE, 20 Red Lion Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 837406 A2 980422 (Basic)  
EP 837406 A3 980429

APPLICATION (CC, No, Date): EP 97305808 970801;

PRIORITY (CC, No, Date): US 691263 960802; US 794782 970203; US 827263 970328

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 202488)

(EP 203029)

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 49950

LANGUAGE (Publication,Procedural,Application): English; English; English

INTERNATIONAL PATENT CLASS: G06F-017/30

9/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00912963

Method of assigning electronic shelf labels to groups of price lookup file items

Verfahren zum Zuordnen elektronischer Etiketten zu Gruppen von Dateneintragen in den Preisunterlagen

Methode pour assigner des etiquettes electroniques a des groupes d'entrees de fichier de prix

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Goodwin III, John Coker, 2306 Wesfork Court, Suwanee, Georgia 30174, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 833296 A2 980401 (Basic)

EP 833296 A3 001025

APPLICATION (CC, No, Date): EP 97305098 970710;

PRIORITY (CC, No, Date): US 723705 960930

DESIGNATED STATES: BE; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G09F-009/00; G06F-017/60

ABSTRACT WORD COUNT: 189

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	9814	257
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SPEC A	(English)	9814	1468
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Total word count - document A	1725
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Total word count - document B	0
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Total word count - documents A + B	1725
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...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the store with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

9/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00907521

**Self-service shopping system including an electronic price label system**  
**System fur Selbstbedienungsgeschäft mit einem elektronischen**  
**Preisschildsystem**

**Système pour achats en libre-service incluant un système électronique**  
**d'etiquettes de prix**

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

INVENTOR:

Forsythe, Donald Leroy, 10 Hinton Court, Dacula, Georgia 30211, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian (84715), International IP Department, NCR Limited, 206  
Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 828235 A2 980311 (Basic)  
EP 828235 A3 000301  
EP 828235 B1 020807

APPLICATION (CC, No, Date): EP 97303710 970530;

PRIORITY (CC, No, Date): US 709020 960906

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/60** ; G07G-001/14

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199811	485
CLAIMS B	(English)	200232	441
CLAIMS B	(German)	200232	367
CLAIMS B	(French)	200232	491
SPEC A	(English)	199811	1818
SPEC B	(English)	200232	1980
Total word count - document A			2303
Total word count - document B			3279
Total word count - documents A + B			5582

INTERNATIONAL PATENT CLASS: **G06F-017/60** ...

...SPECIFICATION store, the shopper swipes the magnetic card through a card reader and retrieves a portable **hand - held** bar code scanner. The shopper **scans items** and places them in a shopping cart. The scanner includes a method of deselecting a...

...SPECIFICATION store, the shopper swipes the magnetic card through a card reader and retrieves a portable **handheld** bar code scanner. The shopper **scans items** and places them in a shopping cart. The scanner includes a method of deselecting a...

**9/3,K/7** (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00756851

**Method of assigning electronic shelf labels to price lookup file items**

**Verfahren zum Zuordnen elektronischer Etiketten zu Dateneintragen in den**

**Preisunterlagen**

**Procede pour assigner des etiquettes electroniques a des entrees de fichier  
pour consultation de prix**

**PATENT ASSIGNEE:**

NCR International, Inc., (1449484), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

**INVENTOR:**

Goodwin, John Coker, III, 2306 Wesfork Court, Suwanee, Georgia 30174,  
(US)

**LEGAL REPRESENTATIVE:**

Cleary, Fidelma et al (85871), International IP Department NCR Limited  
206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 712086 A2 960515 (Basic)

EP 712086 A3 980204

EP 712086 B1 030917

APPLICATION (CC, No, Date): EP 95307776 951031;

PRIORITY (CC, No, Date): US 338055 941110

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 88

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	436
CLAIMS B	(English)	200338	367
CLAIMS B	(German)	200338	334
CLAIMS B	(French)	200338	411
SPEC A	(English)	EPAB96	2068
SPEC B	(English)	200338	2028
Total word count - document A			2504
Total word count - document B			3140
Total word count - documents A + B			5644

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the store with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the store with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

9/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00739607

**Apparatus, systems and methods for controlling power consumption in a  
selectively enabled processing system**

**Gerat, System und Verfahren zur Regelung des Energieverbrauchs in einem  
selektiv eingeschalteten Prozesssystem**

**Appareil, systemes et methodes pour le controle de la consommation de puissance dans un systeme de traitement selectivement active**

**PATENT ASSIGNEE:**

INTERNATIONAL DATA MATRIX, INC., (2023450), 28100 U.S. 19 North, Suite 200, Clearwater, Florida 34621-2656, (US), (applicant designated states: DE;FR;GB)

Kabushiki Kaisha TEC, (283354), 570 Ohito, Ohito-cho, Tagata-gun, Shizuoka, (JP), (applicant designated states: DE;FR;GB)

**INVENTOR:**

Ishikawa, Mamoru, Tokyo Electric Co.,Ltd., 6-13, 2-chome Nakamegoro, Meguro-ku, Tokyo, (JP)

Nielsen, Christen V., 2326 Armour Drive, Dunedin, Florida 34698, (US)

**LEGAL REPRESENTATIVE:**

Chettle, Adrian John et al (50862), Withers & Rogers 4, Dyer's Buildings Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 697645 A2 960221 (Basic)  
EP 697645 A3 970528

APPLICATION (CC, No, Date): EP 95305822 950821;

PRIORITY (CC, No, Date): US 292863 940819

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-001/32 ; G06K-007/10

ABSTRACT WORD COUNT: 156

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1148
SPEC A	(English)	EPAB96	5431
Total word count - document A			6579
Total word count - document B			0
Total word count - documents A + B			6579

INTERNATIONAL PATENT CLASS: G06F-001/32 ...

...SPECIFICATION utilizing the high-speed microprocessor remains a continuing problem and obstacle to producing commercially useful portable , hand held scanning products , particularly in the two dimensional code field where the computational demands are great and the ...

9/3,K/9 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01151171

**PRODUCT OR SERVICE SELECTION SYSTEM**

**SYSTEME DE SELECTION DE PRODUIT OU DE SERVICE**

**Patent Applicant/Assignee:**

INFORMATION CORE TECHNOLOGIES LIMITED, First Floor, 16 High Street, Chesham, Buckinghamshire HP5 1PD, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

HANKINS Timothy, 18 Copperkins Lane, Chesham Bois, Amersham, Buckinghamshire HP6 5QF, GB, GB (Residence), GB (Nationality), (Designated only for: US)

OKE Richard, Llanberis, London Road East, Amersham, Buckinghamshire, HP7 9D2, GB, GB (Residence), GB (Nationality), (Designated only for: US)

**Legal Representative:**

WILLIAMS POWELL (agent), Morley House, 26-30 Holborn Viaduct, London EC1A 2BP, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200472762 A2 20040826 (WO 0472762)  
Application: WO 2004GB615 20040217 (PCT/WO GB04000615)  
Priority Application: GB 20033642 20030217; GB 20037449 20030331

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7048

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... 15 possible by this method for a user to shop through use of the  
**mobile** telephone simply by **scanning products** in the home which it is  
desired to purchase. This would be achieved by the...

**9/3,K/10 (Item 2 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01139160 \*\*Image available\*\*

**IDENTIFICATION SCHEME FOR A COMMUNICATION DEVICE**

**SYSTEME D'IDENTIFICATION POUR DISPOSITIF DE TELECOMMUNICATION**

Patent Applicant/Assignee:

SYMBOL TECHNOLOGIES INC, One Symbol Plaza, Holtsville, NY 11742, US, US  
(Residence), US (Nationality)

Inventor(s):

PETROVICH Adam M, 301 Olde Chapel Trail, Pittsburgh, PA 15238, US,

Legal Representative:

AMIN Himanshu S (et al) (agent), Amin & Turocy, LLP, 1900 E. 9th Street,  
24th Floor, National City Center, Cleveland, OH 44114, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200461734 A1 20040722 (WO 0461734)

Application: WO 2003US35757 20031110 (PCT/WO US03035757)

Priority Application: US 2002437626 20021231; US 2003435971 20030512

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 14643

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... her location may be automatically determined within the shopping environment. As the customer approaches a **scanned product**, the **mobile** device 102 may be activated to I 0 64 remind" the customer that this is...

**9/3,K/11 (Item 3 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01131835 \*\*Image available\*\*  
**CONTENT CREATION, DISTRIBUTION, INTERACTION, AND MONITORING SYSTEM**  
**SYSTEME DE CREATION DE CONTENU, DE DISTRIBUTION, D'INTERACTION ET DE**  
**CONTROLE**

Patent Applicant/Assignee:

TELABOUT INC, 1100 Glendon Avenue, 17th Floor, Los Angeles, CA 90024, US,  
US (Residence), -- (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

O'MALLEY Matt, 1100 Glendon Avenue, 17th Floor, Los Angeles, CA 90024, US  
, US (Residence), US (Nationality), (Designated only for: US)  
HENCH David, \*, US (Residence), US (Nationality), (Designated only for:  
US)

Legal Representative:

ROBBINS Billy A (agent), Fulbright & Jaworski L.L.P., 865 South Figueroa  
Street, 29th floor, Los Angeles, CA 90017-2571, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200453651 A2 20040624 (WO 0453651)  
Application: WO 2003US39237 20031210 (PCT/WO US03039237)  
Priority Application: US 2002432808 20021210

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 44211

Main International Patent Class: **G06F**  
Fulltext Availability:  
Detailed Description

Detailed Description

... directed to a system and method wherein a consumer in a retail store



uses a **portable** barcode scanner to **scan products** . The scanner is in **wireless** communication with an on-site computer controller. If a scanned product is currently under a...

9/3,K/12 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01131490 \*\*Image available\*\*

**ELECTRONIC SHOPPING SYSTEM**  
**SYSTEME D'ACHAT ELECTRONIQUE**

Patent Applicant/Assignee:

SYMBOL TECHNOLOGIES INC, One Symbol Plaza, Holtsville, NY 11742, US, US  
(Residence), US (Nationality)

Inventor(s):

SCHLIFFERS Jorg, 77 Main Street, Setauket, NY 11733, US,  
CROLEY Curt, 49 Quaker Path, Stony Brook, NY 11790, US,  
CHOI Jaeho, 10 Manor Road, Douglaston, NY 11363, US,  
HAMILTON Alistair, 4 Glen Court, Stony Brook, NY 11790, US,  
JOHNSON Eric M, 8 Knoll Top Road, Stony Brook, NY 11790, US,  
WULFF Thomas, 25 Cheryl Lane, North Patchogue, NY 11772, US,  
SPANO Robert A, 92 Sheryl Crescent, Smithtown, NY 11787, US,  
SWARTZ Jerome, 199 Old Field Road, Old Field, NY 11733, US,  
MESHENBERG Carl J, 115 East Beech Street, Long Beach, NY 11561, US,  
LUNDQUIST David T, 6A Mills Road, Stony Brook, NY 11790, US,  
MILOSAVLJEVIC Jovan, 178 Merrill Avenue, Staten Island, NY 10314, US,  
NILES Gene, 808 Greenlawn Avenue, Islip Terrace, NY 11752, US,

Legal Representative:

AMIN Himanshu S (et al) (agent), Amin & Turocy, LLP, 1900 E. 9th Street,  
24th Floor, National City Center, Cleveland, OH 44114, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200453632 A2 20040624 (WO 0453632)  
Application: WO 2003US35765 20031110 (PCT/WO US03035765)  
Priority Application: US 2002313479 20021205

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13229

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... list inside the tablet's memory. In each case the information I 0  
regarding the **scanned item** is displayed on the **mobile** terminal  
display 330 and/or the tablet display 240. This information may include  
the price...

9/3,K/13 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01093611 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PHARMACY RESTOCKING APPLICATIONS**

**SYSTEME ET PROCEDE POUR APPLICATIONS DE RECONSTITUTION DES STOCKS EN PHARMACIE**

Patent Applicant/Assignee:

ANDA INC, 2915 Weston Road, Weston, FL 33331, US, US (Residence), US  
(Nationality)

Inventor(s):

CAZZELL Morris G, 602 Spinmaker, Weston, FL 33321, US,

MARCHALLECK Nicholas J, 16360 South Post Road, Weston, FL 33321, US,

Legal Representative:

SCHWARTZ Robert M (et al) (agent), Ruden, McClosky, Smith, Schuster &  
Russell, P.A., 200 East Broward Boulevard, Fort Lauderdale, FL 33301,  
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200415594 A1 20040219 (WO 0415594)

Application: WO 2003US24974 20030808 (PCT/WO US03024974)

Priority Application: US 2002402069 20020809; US 2003457475 20030325

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5573

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Claims

Claim

... said

plurality of provider function databases;

at least one remote user database contained in a

**handheld** scanning device for **scanning items** having memory  
and a modem for accessing said plurality of provider  
function databases; and  
wherein...

...hot list database, and messages database;

at least one remote user database contained in a

**handheld** scanning device for **scanning items** having memory  
and a modem for accessing said plurality of provider  
function databases;  
said plurality...

9/3,K/14 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01091759      \*\*Image available\*\*

**MULTI-MERCHANT GIFT REGISTRY**

**SYSTEME D'ENREGISTREMENT DE CADEAUX SELECTIONNES AUPRES DE PLUSIEURS  
COMMERÇANTS**

Patent Applicant/Inventor:

VEENEMAN William J, 110 Bank Street S.E., LaRive Condominium #1701,  
Minneapolis, MN 55414, US, US (Residence), US (Nationality)

Legal Representative:

PADMANABHAN Devan V (et al) (agent), Dorsey & Whitney LLP, Intellectual  
Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN  
55402-1498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200413736 A2-A3 20040212 (WO 0413736)

Application: WO 2003US24404 20030805 (PCT/WO US03024404)

Priority Application: US 2002212323 20020805

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16604

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... multi-store gift registry. One convenient way to enter this  
information is to use the hand held

24

scanner 340 to scan merchandise within a store or other location. To  
obtain scanner 340, the registrant goes to a...

9/3,K/15      (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01079506      \*\*Image available\*\*

**WIRELESS PEER SYSTEM**

**SYSTEME D'HOMOLOGUES SANS FIL**

Patent Applicant/Assignee:

IMAGENAR LLC, 1223 Peoples Avenue, Suite 4213, Troy, NY 12180, US, US  
(Residence), US (Nationality)

RENSSELAER POLYTECHNIC INSTITUTE, 110 Eighth Street, Troy, NY 12180, US,  
US (Residence), US (Nationality)

Legal Representative:

D'ALESSANDRO Ronald A (agent), Hoffman, Warnick & D'Alessandro LLC, Three

E-Comm Square, Albany, NY 12207, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200401535 A2-A3 20031231 (WO 0401535)  
Application: WO 2003US19184 20030618 (PCT/WO US03019184)  
Priority Application: US 2002175412 20020619  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 7450

Main International Patent Class: G06F-015/16  
International Patent Class: G06F-015/167  
Fulltext Availability:  
Detailed Description

Detailed Description  
... The device can be any device now known or later developed, including devices for optically **scanning product** bar codes, devices for **wireless** communications with a product microchip that transmits an electronic product code (Auto-ID), etc. This...

9/3,K/16 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01060154 \*\*Image available\*\*

**WIRELESS SHOPPING SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE D'ACHAT SANS FIL**

Patent Applicant/Assignee:

COMPUTER ASSOCIATES THINK INC, One Computer AssociateS Plaza, Islandia, NY 11749, US, US (Residence), US (Nationality)

Inventor(s):

DIVEKAR Sandeep, 1311 Valley Heart Drive, Burbank, CA 91506, US,

Legal Representative:

JACOBS James David (et al) (agent), Baker & McKenzie, 805 Third Avenue, New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200390145 A1 20031030 (WO 0390145)  
Application: WO 2002US12175 20020419 (PCT/WO US0212175)  
Priority Application: WO 2002US12175 20020419

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 8506

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... data about a scanned item and data about one or more items similar to the **scanned item** at the user's **portable wireless** communication device 105. The **scanned item** refers to the item associated with the bar code scanned by bar code reader 230...

...communication device 105 transmits the request along with the scanned bar code number for the **scanned item** to the **wireless** device communication unit 120 (step 415). In an exemplary embodiment of the present disclosure, the...

...for merchandise pick-up at a physical location, such information is also transmitted to portable **wireless** communication device 105. Otherwise, the **scanned item** or similar item is delivered to the user according to the shipping information stored in...

...item data at portable wireless communication device 105, but rather data only about the specific **scanned item**, **wireless** transceiver/receiver 210 transmits data indicating the user request and the bar code number for the **scanned item** to **wireless** device communication unit 120 of service provider 115 via communication network 19 (step 450). Processor...

...number stored in bar code number field 310 matching the bar code number transmitted by **wireless** transceiver/receiver 210, (step 455). The **scanned item** data is then transmitted to **portable** wireless communication device 105, in (step 460). In an exemplary embodiment of the present application...

...receives the scanned item data and/or similar item data, the user can transmit from **portable wireless** communication device 105 the **scanned item** data and/or similar item data to another portable wireless communication device 105. The user...

...to a user requesting the receipt of similar item data after first receiving and viewing **scanned item** data on display 220 of **portable** wireless communication device 105.

A user scans a bar code, for example, on the packaging...

...from the respective data record stored in memory unit

more differences between the **scanned items** to **portable wireless** communication device 105.

In a further exemplary embodiment of the present disclosure, the user can...

...purchase of a scanned item and/or similar item. For example, the user receives at **portable wireless** communication device 105  
34  
**scanned item** data including at least one merchant price for the scanned item. The user can submit...

...merchant by inputting and transmitting a price the user is willing to pay for the **scanned item**  
5 using **portable wireless** communication device 105. The purchase offer is received by the merchant and the merchant can...

9/3,K/17 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01012944 \*\*Image available\*\*

**MULTI-MERCHANT GIFT REGISTRY**

**SYSTEME D'ENREGISTREMENT DE CADEAUX SELECTIONNES AUPRES DE PLUSIEURS COMMERCANTS**

Patent Applicant/Inventor:

VEENEMAN William J, 110 Bank Street S.E., LaRive Condominium #1701,  
Minneapolis, MN 55414, US, US (Residence), US (Nationality)

Legal Representative:

CHAPIK Daniel G (et al) (agent), Dorsey & Whitney LLP, Suite 1500, 50  
South Sixth Street, Minneapolis, MN 55402-1498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200342887 A1 20030522 (WO 0342887)

Application: WO 2002US34099 20021024 (PCT/WO US0234099)

Priority Application: US 20018647 20011109

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15310

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... multi-store gift registry. One convenient way to enter this information is to use the **hand held** scanner 340 to **scan**

merchandise within a store or other location. To obtain scanner 340, the registrant goes to a...

9/3,K/18 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00965652 \*\*Image available\*\*

**COMPLETE INTEGRATED SELF-CHECKOUT SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE INTEGRE COMPLET DE CAISSE AUTOMATIQUE DE LIBRE-SERVICE**  
Patent Applicant/Assignee:

SENSORMATIC ELECTRONICS CORPORATION, 6600 Congress Avenue, Boca Raton, FL 33487, US, US (Residence), US (Nationality)

Inventor(s):

LOOF Per Olof, 1091 Hillsboro Mile, Hillsboro Beach, FL 33062, US,

Legal Representative:

COMOGLIO Rick F (et al) (agent), Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200299767 A1 20021212 (WO 0299767)

Application: WO 2002US17535 20020531 (PCT/WO US0217535)

Priority Application: US 2001875483 20010606

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4584

...International Patent Class: G06F-007/04 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... used to monitor the selected shelf items.

For example, the PDA 8 could include a **wireless** bar code scanner to **scan items** selected.

The **PDA** 8 can be the customer's, which is specially configured to be used with the...

9/3,K/19 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00885099 \*\*Image available\*\*

**APPARATUS AND METHOD FOR ENSURING AVAILABILITY OF INVENTORY FOR ELECTRONIC**

**COMMERCE**

**APPAREIL ET PROCEDE PERMETTANT D'ASSURER LA DISPONIBILITE DES STOCKS POUR  
LE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

MERCANTI SYSTEMS, Suite 9, 542 Lakeside Drive, Sunnyvale, CA 94086, US,  
US (Residence), US (Nationality)

Inventor(s):

CHAWDRY Rehan, 20991 Sherman Drive, Castro Valley, CA 94552, US,  
MATHIS Dave, 12778 Lantana Avenue, Saratoga, CA 95070, US,  
RAKO Paul, 1161 Tasman Drive, Sunnyvale, CA 94089, US,  
MATHENY William F, 4453 Wintergreen Place, Castro Valley, CA 94546, US,

Legal Representative:

GOREN David J (agent), Fish & Richardson P.C., Suite 500, 500 Arguello  
Street, Redwood City, CA 94063, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219233 A1 20020307 (WO 0219233)  
Application: WO 2001US27511 20010904 (PCT/WO US0127511)  
Priority Application: US 2000229698 20000901

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7915

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... employee scan the item as it is pulled from the shelf. The software in  
the PDA 56 determines whether the scanned item matches one of the  
items in the list, e.g., by comparing UPC or other...

**9/3,K/20 (Item 12 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00877779

**METHOD AND APPARATUS FOR TRACKING PRODUCT INFORMATION**

**PROCEDE ET APPAREIL DE RECHERCHE D'INFORMATIONS SUR UN PRODUIT**

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC, 901 San Antonio Road, M/S UPAL01-521, Palo Alto, CA  
94303, US, US (Residence), US (Nationality), (For all designated states  
except: US)

Inventor(s):

DIGIORGIO Rinaldo, 20 Mile Common Road, Easton, CT 06612, US,

Legal Representative:

HECKER Gary A (et al) (agent), The Hecker Law Group, 1925 Century Park  
East, Suite 2300, Los Angeles, CA 90067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200211015 A2 20020207 (WO 0211015)



Application: WO 2001US21429 20010706 (PCT/WO US0121429)  
Priority Application: US 2000627849 20000728  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 10473

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description  
... 202 - 206). For instance, a  
consumer may enter purchase information into the tracking database by  
scanning barcode , Portable Data File (PDF), or other indicia  
supplying labels on products or service receipts with a...

9/3,K/21 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00869144 \*\*Image available\*\*  
**METHOD AND SYSTEM FOR GENERATING A PERSONALIZED SHOPPING LIST**  
**PROCEDE ET SYSTEME PERMETTANT DE GENERER UNE LISTE DE COMMISSIONS**  
**PERSONNALISEE**

Patent Applicant/Assignee:  
CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.  
Petersburg, FL 33716, US, US (Residence), US (Nationality)  
Inventor(s):  
WILLIAMS Eric, 4300 W. Azeele Street, Tampa, FL 33609, US,  
Legal Representative:  
NEIFELD Richard (agent), Neifeld IP Law, PC, Suite 1001, 2001 Jefferson  
Davis Hwy, Arlington, VA 22202, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200203224 A2-A3 20020110 (WO 0203224)  
Application: WO 2000US32436 20001206 (PCT/WO US0032436)  
Priority Application: US 2000609663 20000703

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English

Fulltext Word Count: 17944

Main International Patent Class: **G06F-017/60**

Fulltext Availability:  
Detailed Description

Detailed Description

... held device 201 as in step 60 1. This may be done manually or by  
**scanning product** identifiers if the **hand held** device 201 is  
equipped with a bar code scanner. In addition, the user of the...

**9/3,K/22 (Item 14 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00859502 \*\*Image available\*\*

**SELF-SERVICE SHOPPING CART**

**PANIER D'ACHAT VIRTUEL EN LIBRE-SERVICE**

Patent Applicant/Assignee:

SMARTMEDIA INC, 1320 19th Street, N.W., Suite 600, Washington, DC 20036,  
US, US (Residence), US (Nationality)

Inventor(s):

BLAEUER Dennis C, 458 Sandpiper Drive, Satellite Beach, FL 32937, US,  
MOSER Joseph P, 25 W7741 Marshall Lane, Wheaton, IL 60188, US,  
MCCANN Robert L, Lake Forest, IL, US,

Legal Representative:

GREGORY Donald A (agent), Dickstein Shapiro Morin & Oshinsky LLP, 2101 L  
Street, N.W., Washington, DC 20037-1526, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200193150 A1 20011206 (WO 0193150)

Application: WO 2000US14455 20000525 (PCT/WO US0014455)

Priority Application: WO 2000US14455 20000525

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11555

Main International Patent Class: **G06F-017/60**

International Patent Class: **G06F-013/00 ...**

**... G06F-017/00**

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... with the POS server, retrieves and returns pricing and. other related  
information associated with the **scanned product** to the **portable**  
unit.

The card reader 102 may be a conventional magnetic strip reader adapted to read...

Claim

... unit of claim 6, wherein said advertising and/or promotional information is associated with the **scanned product** .

8 The **portable** unit of claim 6, wherein said advertising and/or promotional information is associated with a competitive product of the **scanned product** .

9 The **portable** unit of claim 6, wherein said advertising and/or promotional information is associated with a cross-finked product associated with. said **scanned product** .

10 The **portable** unit of claim 6, wherein said advertising and/or promotional information is received periodically from the host computer and is not associated with the **scanned product** .

11. The **portable** unit of claim 6, wherein said advertising and/or promotional information can be displayed in...

9/3,K/23 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00835843 \*\*Image available\*\*

**METHOD AND APPARATUS FOR AUTOMATED PAYMENT TRANSACTIONS**

**PROCEDE ET APPAREIL POUR EFFECTUER DES OPERATIONS DE PAIEMENT AUTOMATISEES**

Patent Applicant/Inventor:

JOHNSON Neldon P, 512 South 860 East, American Fork, UT 84003, US, US  
(Residence), US (Nationality)

Legal Representative:

NELSON J David (agent), Nelson, Snuffer, Dahle & Poulsen, P.C., 10885  
South State Street, Sandy, UT 84070, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169495 A1 20010920 (WO 0169495)

Application: WO 2001US7887 20010313 (PCT/WO US0107887)

Priority Application: US 2000526433 20000315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10012

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... receiving cart, basket or bag on the confirmation scale, and confirms that the anti-theft **wireless** marker signal for the **scanned product** is deactivated, if manual deactivation is incorporated with the scanner.  
-If the item weight does...

**9/3,K/24 (Item 16 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00801679 \*\*Image available\*\*

**INTERACTIVE IN-STORE AND ONLINE SHOPPING SYSTEM**

**SYSTEME ET PROCEDE D'ACHATS INTERACTIFS EN LIGNE ET EN MAGASIN/EN GALERIE MARCHANDE**

Patent Applicant/Assignee:

SIMON PROPERTY GROUP L P, National City Center, 115 West Washington,  
Indianapolis, IN 46204, US, US (Residence), US (Nationality)

Inventor(s):

COVINGTON Robert D, 3312 West 34th Street, Indianapolis, IN 46222, US,  
AL-SHABKHOUN Melanie A, 7908 Westfield Boulevard, Indianapolis, IN 46240,  
US,

CARLSON Andrew D, 1323 West Melrose Street, Chicago, IL 60657, US,  
CHUGANI Sandeep, 7 Brown Court, Livingston, NJ 07039, US,  
CONRAD Drew, 6858 Colonel Taylor Lane, Centreville, VA 20121, US,  
D'ALESSANDRO Paul M, 808A Chestnut Street, Deerfield, IL 60015, US,  
KHALIL John E, 601 1st Street, #9, Hermosa Beach, CA 90254, US,  
KUNESH Jason, 4422 North Seeley Avenue, #1, Chicago, IL 60625, US,  
LOHRMANN Charles Brent, 1787 Old Woods Court, N.E., Ada, MI 49301, US,  
SPIRA James C, 16950 South Woodland, Shaker Heights, OH 44120, US,  
SVIOKLA John, 11 Willard Street, Newton, MA 02458-2230, US,  
YAPHE Darren S, 1916 North Sheffield Avenue, #3F, Chicago, IL 60614, US,

Legal Representative:

CAMPAGNA Mark V (et al) (agent), Jones, Day, Reavis & Pogue, 77 West  
Wacker Drive, Chicago, IL 60601-1692, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135186 A2-A3 20010517 (WO 0135186)  
Application: WO 2000US30291 20001102 (PCT/WO US0030291)  
Priority Application: US 99163904 19991105

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19601

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... relation to FIG. 32b) or block 992.

Referring to FIG. 29b, in block 992, the **PDA** determines whether it

recognizes the **scanned barcode** . If not, the system proceeds to block 996 (which is described below in relation to...

...1 5 selection (block 1040). If not, the system returns to block 1038. Otherwise, the **PDA** will, for example, display the **scanned item** to indicate that the scan was successful (block 1042). In one embodiment, the **PDA** then...which is described below in relation to FIG. 32b). In block 1 1 04, the **PDA** determines whether it recognizes the **scanned barcode** . If not, the system proceeds to block 996 (which is described above in relation to...

9/3,K/25 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00323828

**APPARATUS, SYSTEMS AND METHODS FOR CONTROLLING POWER CONSUMPTION IN A SELECTIVELY ENABLED PROCESSING SYSTEM**  
**DISPOSITIFS, SYSTEMES ET PROCEDES DE REGULATION DE LA CONSOMMATION ELECTRIQUE DANS UN SYSTEME INFORMATIQUE ACTIVE SELECTIVEMENT**

Patent Applicant/Assignee:

INTERNATIONAL DATA MATRIX INC,

Inventor(s):

ISHIKAWA Mamoru,

NEILSEN Christian V,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9606336 A1 19960229

Application: WO 95US10584 19950821 (PCT/WO US9510584)

Priority Application: US 94292863 19940819

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP

Publication Language: English

Fulltext Word Count: 7094

International Patent Class: **G06F-13:10** ...

... **G06F-09:00**

Fulltext Availability:

Detailed Description

Detailed Description

... utilizing the high-speed microprocessor remains a continuing problem and obstacle to producing commercially useful **portable , hand held scanning products** , particularly in the two dimensional code field where the computational demands are great and the...

?

4/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00907521

Self-service shopping system including an electronic price label system  
System fur Selbstbedienungsgeschäft mit einem elektronischen  
Preisschildsystem  
Systeme pour achats en libre-service incluant un systeme electronique  
d'etiquettes de prix

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

INVENTOR:

Forsythe, Donald Leroy, 10 Hinton Court, Dacula, Georgia 30211, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian (84715), International IP Department, NCR Limited, 206  
Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 828235 A2 980311 (Basic)  
EP 828235 A3 000301  
EP 828235 B1 020807

APPLICATION (CC, No, Date): EP 97303710 970530;

PRIORITY (CC, No, Date): US 709020 960906

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60; G07G-001/14

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199811	485
CLAIMS B	(English)	200232	441
CLAIMS B	(German)	200232	367
CLAIMS B	(French)	200232	491
SPEC A	(English)	199811	1818
SPEC B	(English)	200232	1980
Total word count - document A			2303
Total word count - document B			3279
Total word count - documents A + B			5582

...SPECIFICATION store, the shopper swipes the magnetic card through a card reader and retrieves a portable **hand - held** bar code scanner. The shopper **scans items** and places them in a **shopping cart**. The scanner includes a method of deselecting a selected product. The scanner also includes a...

...SPECIFICATION store, the shopper swipes the magnetic card through a card reader and retrieves a portable **handheld** bar code scanner. The shopper **scans items** and places them in a **shopping cart**. The scanner includes a method of deselecting a selected product. The scanner also includes a...

5/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01657642

**Systems and methods for a consumer to determine food/medicine interactions**  
**Systeme und Methoden fur einen Verbraucher um Nahrungsmittel/Medikament-Interaktionen festzustellen**

**Systemes et methodes permettant a un consommateur de determiner des interactions aliment/medicament**

PATENT ASSIGNEE:

Badinelli, Ellen, (4449480), 24 Stonehedge Drive, West Nyack, New York 10094, (US), (Applicant designated States: all)

INVENTOR:

Badinelli, Ellen, 24 Stonehedge Drive, West Nyack, New York 10094, (US)

LEGAL REPRESENTATIVE:

Stevens, Ian Edward (78682), Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 1363225 A2 031119 (Basic)

APPLICATION (CC, No, Date): EP 2003252978 030514;

PRIORITY (CC, No, Date): US 380736 P 020514; US 272596 021016

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-019/00

ABSTRACT WORD COUNT: 41

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200347	668
SPEC A	(English)	200347	6018
Total word count - document A			6686
Total word count - document B			0
Total word count - documents A + B			6686

...SPECIFICATION 1 would allow various devices like computers, PDA, mobile phones, static terminals installed in the **store** location and other **handheld** devices to **scan item** barcodes and/or nutrition labels and compare that information with the customer's nutrition profile...

5/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00912963

**Method of assigning electronic shelf labels to groups of price lookup file items**

**Verfahren zum Zuordnen elektronischer Etiketten zu Gruppen von Dateneintragen in den Preisunterlagen**

**Methode pour assigner des etiquettes electroniques a des groupes d'entrees de fichier de prix**

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard, Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Goodwin III, John Coker, 2306 Wesfork Court, Suwanee, Georgia 30174, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)  
PATENT (CC, No, Kind, Date): EP 833296 A2 980401 (Basic)  
EP 833296 A3 001025

APPLICATION (CC, No, Date): EP 97305098 970710;  
PRIORITY (CC, No, Date): US 723705 960930  
DESIGNATED STATES: BE; DE; FR; GB; NL  
INTERNATIONAL PATENT CLASS: G09F-009/00; G06F-017/60  
ABSTRACT WORD COUNT: 189

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9814	257
SPEC A	(English)	9814	1468
Total word count - document A			1725
Total word count - document B			0
Total word count - documents A + B			1725

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the **store** with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

5/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00756851

**Method of assigning electronic shelf labels to price lookup file items**  
**Verfahren zum Zuordnen elektronischer Etiketten zu Dateneintragen in den**  
**Preisunterlagen**

**Procede pour assigner des etiquettes electroniques a des entrees de fichier**  
**pour consultation de prix**

PATENT ASSIGNEE:

NCR International, Inc., (1449484), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

INVENTOR:

Goodwin, John Coker, III, 2306 Wesfork Court, Suwanee, Georgia 30174,  
(US)

LEGAL REPRESENTATIVE:

Cleary, Fidelma et al (85871), International IP Department NCR Limited  
206 Marylebone Road, London NW1 6LY, (GB)  
PATENT (CC, No, Kind, Date): EP 712086 A2 960515 (Basic)  
EP 712086 A3 980204  
EP 712086 B1 030917

APPLICATION (CC, No, Date): EP 95307776 951031;  
PRIORITY (CC, No, Date): US 338055 941110  
DESIGNATED STATES: DE; FR; GB  
INTERNATIONAL PATENT CLASS: G06F-017/60  
ABSTRACT WORD COUNT: 88

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:



Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	436
CLAIMS B	(English)	200338	367
CLAIMS B	(German)	200338	334
CLAIMS B	(French)	200338	411
SPEC A	(English)	EPAB96	2068
SPEC B	(English)	200338	2028
Total word count - document A			2504
Total word count - document B			3140
Total word count - documents A + B			5644

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the **store** with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

...SPECIFICATION are typically made by store personnel. The current process implemented by such personnel involves periodically **scanning items** within the **store** with a **hand - held** scanner and manually recording whether a price change occurred. Store personnel review the manually gathered...

5/3,K/4 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2004 WIPO/Univentio. All rts. reserv.

01131835 \*\*Image available\*\*

CONTENT CREATION, DISTRIBUTION, INTERACTION, AND MONITORING SYSTEM  
 SYSTÈME DE CREATION DE CONTENU, DE DISTRIBUTION, D'INTERACTION ET DE  
 CONTROLE

Patent Applicant/Assignee:

TELABOUT INC, 1100 Glendon Avenue, 17th Floor, Los Angeles, CA 90024, US,  
 US (Residence), -- (Nationality), (For all designated states except:  
 US)

Patent Applicant/Inventor:

O'MALLEY Matt, 1100 Glendon Avenue, 17th Floor, Los Angeles, CA 90024, US  
 , US (Residence), US (Nationality), (Designated only for: US)  
 HENCH David, \*, US (Residence), US (Nationality), (Designated only for:  
 US)

Legal Representative:

ROBBINS Billy A (agent), Fulbright & Jaworski L.L.P., 865 South Figueroa  
 Street, 29th floor, Los Angeles, CA 90017-2571, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200453651 A2 20040624 (WO 0453651)  
 Application: WO 2003US39237 20031210 (PCT/WO US03039237)  
 Priority Application: US 2002432808 20021210

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU  
 SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
 SI SK TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 44211

Fulltext Availability:  
Detailed Description

Detailed Description

... of-Purchase," is directed to a system and method wherein a consumer in a retail **store** uses a **portable** barcode scanner to **scan products**. The scanner is in **wireless** communication with an on-site computer controller. If a scanned product is currently under a...

5/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01091759 \*\*Image available\*\*

**MULTI-MERCHANT GIFT REGISTRY**

**SYSTEME D'ENREGISTREMENT DE CADEAUX SELECTIONNES AUPRES DE PLUSIEURS  
COMMERÇANTS**

Patent Applicant/Inventor:

VEENEMAN William J, 110 Bank Street S.E., LaRive Condominium #1701,  
Minneapolis, MN 55414, US, US (Residence), US (Nationality)

Legal Representative:

PADMANABHAN Devan V (et al) (agent), Dorsey & Whitney LLP, Intellectual  
Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN  
55402-1498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200413736 A2-A3 20040212 (WO 0413736)

Application: WO 2003US24404 20030805 (PCT/WO US03024404)

Priority Application: US 2002212323 20020805

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16604

Fulltext Availability:  
Detailed Description

Detailed Description

... multi-store gift registry. One convenient way to enter this  
information is to use the **hand held**

24

scanner 340 to **scan merchandise** within a **store** or other location.  
To obtain scanner 340, the registrant goes to a convenient kiosk 300...

5/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01012944      \*\*Image available\*\*

**MULTI-MERCHANT GIFT REGISTRY**

**SYSTEME D'ENREGISTREMENT DE CADEAUX SELECTIONNES AUPRES DE PLUSIEURS  
COMMERÇANTS**

Patent Applicant/Inventor:

VEENEMAN William J, 110 Bank Street S.E., LaRive Condominium #1701,  
Minneapolis, MN 55414, US, US (Residence), US (Nationality)

Legal Representative:

CHAPIK Daniel G (et al) (agent), Dorsey & Whitney LLP, Suite 1500, 50  
South Sixth Street, Minneapolis, MN 55402-1498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200342887 A1 20030522 (WO 0342887)

Application: WO 2002US34099 20021024 (PCT/WO US0234099)

Priority Application: US 20018647 20011109

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI

SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15310

Fulltext Availability:

Detailed Description

Detailed Description

... multi-store gift registry. One convenient way to enter this  
information is to use the **hand held** scanner 340 to **scan**  
**merchandise** within a **store** or other location. To obtain scanner 340,  
the registrant goes to a convenient kiosk 300...

?

10/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00835843 \*\*Image available\*\*

**METHOD AND APPARATUS FOR AUTOMATED PAYMENT TRANSACTIONS**

**PROCEDE ET APPAREIL POUR EFFECTUER DES OPERATIONS DE PAIEMENT AUTOMATISEES**

Patent Applicant/Inventor:

JOHNSON Neldon P, 512 South 860 East, American Fork, UT 84003, US, US  
(Residence), US (Nationality)

Legal Representative:

NELSON J David (agent), Nelson, Snuffer, Dahle & Poulsen, P.C., 10885  
South State Street, Sandy, UT 84070, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169495 A1 20010920 (WO 0169495)

Application: WO 2001US7887 20010313 (PCT/WO US0107887)

Priority Application: US 2000526433 20000315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10012

Fulltext Availability:

Detailed Description

Detailed Description

... receiving cart, basket or bag on the confirmation scale, and confirms  
that the anti-theft **wireless** marker signal for the **scanned product**  
is deactivated, if manual deactivation is incorporated with the scanner.  
-If the item weight does...

...de-actuation. Once all the customer's purchases have been scanned and  
verified and the **order** totaled, the **receiving** cart, basket or bag is  
relocated to a deactivation cart, basket or bag position 35...

14/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01538621

Mobile browsing

Mobiles Browsen

Navigation itinerante

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),

(Applicant designated States: all)

INVENTOR:

Fisher, David, 2 Franklin Court Station Road, Amersham Bucks HP7 OAF,  
(GB)

Lander, Ronald, 3850 N Poppyseed LN "F", Calabasas, CA 91302, (US)

Mote, Steven, Saxon House Charlton, Musgrove Somerset BA9 8EX, (GB)

Newstead, Robert, 16 Oldbury Close Paddock Hill, Frimley Surrey GU16 5XT,  
(GB)

Davidson, Brian, 96 Bishops Wood Goldsworth Park, Woking Surrey GU21 3QD,  
(GB)

LEGAL REPRESENTATIVE:

Patel, Dhiren et al (99221), Nokia IPR Department, Nokia House, Summit  
Avenue, Farnborough, Hampshire GU14 ONG, (GB)

PATENT (CC, No, Kind, Date): EP 1282050 A2 030205 (Basic)

APPLICATION (CC, No, Date): EP 2002255430 020802;

PRIORITY (CC, No, Date): US 920888 010803

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 197

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200306	596
SPEC A	(English)	200306	1807
Total word count - document A			2403
Total word count - document B			0
Total word count - documents A + B			2403

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION to access the remote server using the website address.

Information and content relating to the scanned item is thus

downloaded to the user's portable device.

The portable device is also provided with contextualisation means...

14/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01435795

Recommender system and method

Empfehlungssystem und -verfahren

Systeme et methode de recommandation

PATENT ASSIGNEE:

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200226	913
SPEC A	(English)	200226	6391
Total word count - document A			7304
Total word count - document B			0
Total word count - documents A + B			7304

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION multi-function device (MFD) A MFD is a digital device that can scan, store the **scanned item** in memory and print the **scanned item** . When an item is presented for printing to a MFD, the MFD can store an...

...items. This may be especially advantageous if a transitory item such as a Web page **downloaded** from the Internet is printed.  
The recommender system 100 can be thought of as having...

14/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01335159

Method and system for locating and accessing digitally stored images  
Verfahren und System zum Auffinden und Zugreifen auf digital gespeicherte Bilder

Procede et systeme pour localiser et acceder a des images stockees sous forme numerique

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York  
14650-2201, (US), (Applicant designated States: all)

INVENTOR:

Shih, Willy C., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Manico, Joseph A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

McIntyre, Dale F., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Holms, James W., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1139649 A2 011004 (Basic)  
EP 1139649 A3 021211

APPLICATION (CC, No, Date): EP 2001200993 010316;

PRIORITY (CC, No, Date): US 536521 000328

DESIGNATED STATES: CH; DE; FR; GB; IT; LI

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/32; H04N-001/00; G06F-017/30

ABSTRACT WORD COUNT: 92

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	412

SPEC A (English) 200140 5456  
Total word count - document A 5868  
Total word count - document B 0  
Total word count - documents A + B 5868

...INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION the images at the image storage device. The program used for the interpreting of the scanned barcode may be downloaded as is currently done with many programs over the Internet 75. Additionally, this also allows...

14/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01305138

Product selection system

System fur die Auswahl von Produkten

Systeme de selection de produits

PATENT ASSIGNEE:

Intelligent Limited, (2444941), Southern Office, Brindley House, 4 Burkes Road, Beaconsfield, Bucks HP9 1PB, (GB), (Applicant designated States: all)

INVENTOR:

Hankins, Timothy Glyn, 18 Copperkins Lane, Chesham Bois Amersham Bucks HP6 5QF, (GB)

LEGAL REPRESENTATIVE:

Jehan, Robert et al (72663), Williams, Powell & Associates, 4 St Paul's Churchyard, London EC4M 8AY, (GB)

PATENT (CC, No, Kind, Date): EP 1117055 A2 010718 (Basic)

EP 1117055 A3 020807

APPLICATION (CC, No, Date): EP 2001300195 010110;

PRIORITY (CC, No, Date): GB 547 000111

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200129	406
SPEC A	(English)	200129	6558
Total word count - document A			6964
Total word count - document B			0
Total word count - documents A + B			6964

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION unit. The program resides on the barcode reader 106, with the purpose of managing the download and upload of data to the device manager of the system. Using the program on the reader, the customer can scan product barcodes which are then transmitted to the central processing unit to find out whether the...

...interest such as special offers and the like. When human interests are found for a scanned product, the program 206 scrolls the text for

interests

14/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00714347

**System and method for matching product information with electronic shelf displays**

**System und Verfahren zum Zusammenpassen von Produktinformation mit elektronischen Regalanzeigen**

**Systeme et methode pour accorder des informations de produits avec des affichages electroniques d'etageres**

PATENT ASSIGNEE:

NCR International, Inc., (1449484), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

INVENTOR:

Goodwin, John Coker, III, 2306 Wesfork Court, Suwanee, Georgia 30174,  
(US)

LEGAL REPRESENTATIVE:

Cleary, Fidelma et al (85871), International IP Department NCR Limited  
206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 676708 A2 951011 (Basic)  
EP 676708 A3 960117  
EP 676708 B1 010816

APPLICATION (CC, No, Date): EP 95301818 950320;

PRIORITY (CC, No, Date): US 223267 940404

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 189

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200133	1058
CLAIMS B	(German)	200133	1009
CLAIMS B	(French)	200133	1325
SPEC B	(English)	200133	2336
Total word count - document A			0
Total word count - document B			5728
Total word count - documents A + B			5728

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION through wireless transceivers mounted in both electronic shelf displays 14 and server 12.

Scanner 18 **scans product** codes for merchandise items 16 and **downloads** these product codes to server 12. Scanner 18 is preferably a portable hand-held scanner...

...through wireless transceivers mounted in both electronic shelf displays 34 and server 32.

Scanner 38 **scans product** codes for merchandise items 36 and **downloads** these product codes to server 32. Scanner 38 is preferably a portable hand-held scanner...



**14/3,K/6 (Item 1 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01162166 \*\*Image available\*\*

**PATIENT REGISTRATION KIOSK**

**BORNE INTERACTIVE D'ENREGISTREMENT DE PATIENTS**

Patent Applicant/Inventor:

LUX Cindy M, 24 Upcrest Road, Brighton, MA 02135, US, US (Residence), US  
(Nationality)

Legal Representative:

MALONEY Neil F (et al) (agent), P.O. Box 3445, Nashua, NH 03061-3445, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200484034 A2 20040930 (WO 0484034)

Application: WO 2004US8200 20040317 (PCT/WO US04008200)

Priority Application: US 2003455138 20030317

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8764

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... and facilitates the scanning of the patient's hospital card. The data  
encoded in the **scanned barcode** can be temporarily stored in local  
memory 218, and/or can be **uploaded** to a network kiosk server 302 via  
the network interface 212 (e.g., network interface...

**14/3,K/7 (Item 2 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01111940 \*\*Image available\*\*

**ONLINE SHOPPING SYSTEM**

**SYSTEME D'ACHATS EN LIGNE**

Patent Applicant/Assignee:

THE KROGER COMPANY, 1014 Vine Street, Cincinnati, OH 45202, US, US  
(Residence), US (Nationality)

Inventor(s):

HOPSON David B, 5977 Brooks Dr., Arvada, CO 80004, US,

KEYS Kimberly S, 27467 Upper Cold Springs Gulch Rd., Golden, CO 80401, US

Legal Representative:

EBY C Richard (et al) (agent), Wood, Herron & Evans, L.L.P., 2700 Carew

Tower, Cincinnati, OH 45202, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200434189 A2-A3 20040422 (WO 0434189)  
Application: WO 2003US31300 20031003 (PCT/WO US03031300)  
Priority Application: US 2002265614 20021007  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 18086

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... the pick route by the dispatcher computer 38 is complete.

The server computer 22 then **downloads** the pick route to the picker computer 42, and the picker 15 computer 42...  
...the next item to be picked and displays the scanned UPC. The picker places the **scanned item** into a bag on the pick cart.

The process of picking items and scanning the...

14/3,K/8 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01043358 \*\*Image available\*\*

REMOTE MATERIALS MANAGEMENT SYSTEM AND METHOD  
PROCEDE ET SYSTEME DE TELEGESTION DE MATIERES

Patent Applicant/Assignee:

THG LOGISTICS INC, 252 E. Market Street, PMB # 397, West Chester, PA 19382, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HUDSON Frederick J, 1147 Saint Finegan Drive, West Chester, PA 19382, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HEIDELBERGER Louis M (agent), Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200373348 A1 20030904 (WO 0373348)  
Application: WO 2003US5703 20030224 (PCT/WO US0305703)  
Priority Application: US 2002358784 20020222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8828

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... destination, the truck, and the item are scanned in a predeten-nined order. If the **scanned item** is properly on the truck, and is properly delivered to that scanned first destination, the...the remote operation center I 10. For example, a batch of proper deliveries can be **downloaded** to the receiving station 100, and, as each delivery is made, the batched delivery infon-nation may be 1 5 checked against the **downloaded** list.

The materials management system 1 0 may additionally include a proxy server 130 between...communicatively connected thereto. Additionally, if the manifest information, and the attributes associated with a particular **scanned item**, match, then the item may be initiated to the system, and the scanning process may...

14/3,K/9 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01032970 \*\*Image available\*\*

**SYSTEMS AND METHODS FOR INVENTORY MANAGEMENT**

**SYSTEMES ET PROCEDES DE GESTION DES STOCKS**

Patent Applicant/Assignee:

NESTEC LTD, Avenue Nestle 55, CH-1800 Vevey, CH, CH (Residence), CH  
(Nationality)

Patent Applicant/Inventor:

SCHEURER Robert P, 1974 Banyan Tree Road, Collinsville, IL 62234, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

RASCHE Patrick W (et al) (agent), Armstrongteasdale LLP, One Metropolitan Square, Suite 2600, St. Louis, MO 63102, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200362959 A2-A3 20030731 (WO 0362959)

Application: WO 2003US1950 20030122 (PCT/WO US03001950)

Priority Application: US 200255319 20020123

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 8468

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... application to exit. A handheld data transfer link is utilized to allow a user to **download scanned product** information.

[0057] In one embodiment, screen 200 is configured with three help buttons 202, 204...handheld data transfer screen  
210. Screen 210 is configured to enable a user to download **scanned product** information from scanner 14 to storage unit 24 within computer 12. In one embodiment, **downloading** includes selecting a hot sync button on a cradle (not shown) for the scanner and selecting a **download** link 212 to start the transfer of product information from scanner 14 to computer 12...

...is configured to analyze data within the text file and tag the information for each **scanned product** as an exception item (not currently in catalog) or as an existing product. When no...

14/3,K/10 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01030725 \*\*Image available\*\*

**REMOTE MATERIALS MANAGEMENT SYSTEM**  
**SYSTEME DE GESTION DE MATERIAUX A DISTANCE**

Patent Applicant/Assignee:

THG LOGISTICS INC, 252 E. Market Street, PMB # 397, West Chester, PA 19382, US, US (Residence), US (Nationality)

Inventor(s):

HUDSON Frederick J, 1147 Saint Finegan Drive, West Chester, PA 19382, US,

Legal Representative:

HEIDELBERGER Louis M (agent), Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200360773 A1 20030724 (WO 0360773)

Application: WO 2003US280 20030107 (PCT/WO US0300280)

Priority Application: US 2002347261 20020109; US 200274237 20020212

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 8462

Main International Patent Class: **G06F-017/30**

Fulltext Availability:  
Detailed Description

#### Detailed Description

... first destination, the truck, and the item are scanned in a predetermined order. If the **scanned item** is properly on the truck, and is properly delivered to that scanned first destination, the...remote operation center I 1 0. For example, a batch of proper deliveries can be **downloaded** to the receiving station 1 00, and, as each delivery is made, the batched delivery information may be checked against the **downloaded** list.

The materials management system IO may additionally include a proxy server 130 between the...communicatively connected thereto. Additionally, if the manifest information, and the attributes associated with a particular **scanned item**, match, then the item may be initiated to the system, and the scanning process may...

**14/3,K/11 (Item 6 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

01028558 \*\*Image available\*\*

#### **PURCHASING AID LOGISTICS APPLIANCE AND METHOD TO USE SAME**

#### **INSTRUMENT LOGISTIQUE D'AIDE A L'ACHAT ET PROCEDE D'UTILISATION ASSOCIE**

Patent Applicant/Assignee:

LOCKHEED MARTIN CORPORATION, c/o Lockheed Martin Federal Systems, 1801  
State Route 17C, Owego, NY 13827, US, US (Residence), US (Nationality)

Inventor(s):

CACI Joseph Claude, c/o Lockheed Martin Federal Systems, 1801 State Route  
17C, Owego, NY 13827, US,

SCANLON Gregory D, c/o Lockheed Martin Federal Systems, 1801 State Route  
17C, Owego, NY 13827, US,

Legal Representative:

COHEN Jerry (agent), Perkins, Smith & Cohen, LLP, One Beacon Street,  
Boston, MA 02108 (et al), US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200358529 A1 20030717 (WO 0358529)

Application: WO 2002US41559 20021227 (PCT/WO US0241559)

Priority Application: US 200237382 20020104

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK  
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10848

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... The

customer will see the rebate offer transmitted by the station RF link for a **scanned product**. At the sales register the customer information necessary for the rebate is **up loaded** to the sales register to supply chain network 92B, see FIG. 14. The customer will...

**14/3,K/12 (Item 7 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00877790 \*\*Image available\*\*

**PROCESSING PROGRAM DATA FOR MEDICAL PUMPS**

**DONNEES DE PROGRAMME DE TRAITEMENT POUR POMPES MEDICALES**

Patent Applicant/Assignee:

DELTEC INC, 1265 Grey Fox Road, St. Paul, MN 55112, US, US (Residence),  
US (Nationality)

Inventor(s):

BLOMQUIST Michael L, 144 154th Avenue NW, Andover, MN 55304, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Could P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200211049 A2-A3 20020207 (WO 0211049)

Application: WO 2001US24052 20010801 (PCT/WO US0124052)

Priority Application: US 2000631000 20000802

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM  
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12162

Main International Patent Class: **G06F-019/00**

Fulltext Availability:

Claims

Claim

... 104 is also in communication with a scanner

112. Inonepossibleembodiment.thescanner112ishand-heldsothatitcanbe easily used to **scan barcodes** physical objects such as IN. bags, medicine packages, patient wristbands, and the like. Again, the...from an external device to control pump 1 10. This feature also allows for the

downloading of any or all information from memory system 304 to an external device.  
Control system...Additionally, each application program is the final arbiter of what data can and cannot be downloaded from the information management system 106. In one possible embodiment, accordingly, each application program contains...

14/3,K/13 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00803948 \*\*Image available\*\*  
**METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS**

**PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS**

Patent Applicant/Assignee:

IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,  
1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

Parent Application/Grant:

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116871

Main International Patent Class: G06F-017/60

International Patent Class: G06F-015/16 ...

Fulltext Availability:

Claims

Claim

... symbol reader is supported within its support stand/bridge 40. In this

configuration, the laser- **scanning** field of the reader is projected downwardly upon the surface of the LCD touch screen...

...the event that the product is too large to lift'from the floor to the **scanning** window, the consumer can simply remove the bar code symbol reader 36 from its support...software can be run on the Message Pad device, or as firmware contained within the **scanning** engine 74 in a manner known in the art. Notably, it is understood that there...store, (ii) read UPN symbols on consumer products, and (iii) view comparison price information on **scanned products** in an effort to haggle down the retailer s price, while disregarding the value that...administrator can recommend the best type of UPN/TM/PD/URL link management software for **downloading** to the manufacturer and its agents after completion of the registration process. Such information will...

14/3,K/14 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00796533 \*\*Image available\*\*

**A SYSTEM AND ARCHITECTURE THAT SUPPORTS A MULTI-FUNCTION SEMICONDUCTOR DEVICE BETWEEN NETWORKS AND PORTABLE WIRELESS COMMUNICATIONS PRODUCTS**  
**SYSTEME ET ARCHITECTURE SERVANT DE SUPPORT A UN DISPOSITIF SEMI-CONDUCTEUR MULTIFONCTIONS ENTRE DES RESEAUX ET DES PRODUITS DE COMMUNICATION PORTABLES SANS FIL**

Patent Applicant/Assignee:

PERSONAL NETLINK COM COMPANY, 806 Harbour Island, Clearwater Beach, FL 33736, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

PRIDDY Dennis G, 806 Harbour Island, Clearwater, FL 33736, US, US (Residence), US (Nationality)

Legal Representative:

ISACKSON Robert M (agent), Orrick, Herrington & Sutcliffe LLP, 666 Fifth Avenue, New York, NY 10103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200130068 A1 20010426 (WO 0130068)

Application: WO 2000US28733 20001017 (PCT/WO US0028733)

Priority Application: US 99420459 19991018

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8150

...International Patent Class: G06F-001/14

Fulltext Availability:

Detailed Description

Detailed Description

... identification bar code on the product, speed-dial to a specific



Internet web site, automatically up - load the scanned product number which would then initiate an Internet-wide search for the same item. On completion...  
...best five prices), and the Internet addresses of where the prices were obtained, could be downloaded back to the device. Additionally, the name and address of alternative stores within an n-mile radius of the user's present location could be downloaded .

Location identification is accomplished by use of either a Global Positioning System capability integrated into...

14/3,K/15 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00794382 \*\*Image available\*\*

**REAL-TIME SYSTEM FOR MONITORING THEFT PROTECTION**  
**SYSTEME EN TEMPS REEL DE VERIFICATION ANTIVOL**

Patent Applicant/Assignee:

N V NEDERLANDSCHE APPARATENFABRIEK NEDAP, Parallelweg 2, NL-7141 DC  
Groenlo, NL, NL (Residence), NL (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

BADENHOP Wilhelm, Eemstraat 9, NL-7555 WN Hengelo, NL, NL (Residence), NL  
(Nationality), (Designated only for: US)  
PAIJENS Petrus Wilhelmus Maria, Torenmolenlaan 77, NL-7241 VL Lochem, NL,  
NL (Residence), NL (Nationality), (Designated only for: US)

Legal Representative:

PRINS A W (agent), Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague,  
NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200127892 A1 20010419 (WO 0127892)  
Application: WO 2000NL726 20001009 (PCT/WO NL0000726)  
Priority Application: NL 1013245 19991008

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Dutch

Fulltext Word Count: 7126

...International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... on information from the checkout blocks 22, 24. This information  
consists, for instance, of a scanned product code 71632415. Also, it  
is then inputted at 10 the checkout whether the product...  
...to have an antitheft label. In this case, it is found that 34% of the  
scanned products with product

code 71632415 are provided with such a label. Fig. 12 accordingly makes clear...

...like can be checked remotely. It is even possible via the central control device to **download** updates of software to the local control device, which updates may thereupon be remotely implemented...

14/3,K/16 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00737987 \*\*Image available\*\*

**GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS**  
**SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS**

Patent Applicant/Assignee:

REVEO INC, 85 Executive Boulevard, Elmsford, NY 10523, US, US (Residence)  
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FARIS Sadeg M, 24 Pocantico River Road, Pleasantville, NY 10570, US, US  
(Residence), US (Nationality), (Designated only for: US)

HAMLIN Gregory J, 33 Church Street, Presque Isle, ME 04769, US, US  
(Residence), US (Nationality), (Designated only for: US)

FLANNERY James P, 30 Williams Street, New City, NY 10965, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Soundview Plaza, 1266 East Main Street,  
Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200050974 A2-A3 20000831 (WO 0050974)

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Priority Application: US 99258573 19990226; US 2000513601 20000225

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 80968

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... In situations requiring high security, data used in the generation of the event may be **downloaded** into the GSU in an encrypted form. This data is then decrypted and t he ...before, the desired display time, the GSU 175 decrypts the image to be displayed and **downloads** the decrypted image back onto the client

machine 160 for display. This method prevents access...

...associated

Page 54 of 238

with the client input or client event data would be **uploaded** to the GSU 175. The GSU uses digital signature techniques to create (i.e. compute...

...event data; and the time and location data of the GSU at the time of data **upload**. Notably, the time of the client input or client event will be expressed in terms...to interface

with any type of input device, including a mouse, keyboard, microphone, video camera, **scanner**, **barcode** reader, pressure tablet, a voice recognition system, or any other analog or digital data input...In FIG. 4A, the suboperations are shown for carrying out the method of registering and **downloading** of contest software indicated at Block A in FIG. 4. to As indicated at Block...

...forms along with the registration process, or could

Page 60 of 238

involve the user **downloading** and running customized plug-in modules or stand-alone applications on his or computing system...

...on).

Page 61 of 238

As indicated at Block H in FIG. 4A, the contestant **downloads** the contest software from the web server I IO to his or her client machine...

...i.e. from the members-only area of the contest web site. This contest software **download** is accomplished using HTTP, FTP, or other file transfer protocol, as represented by Message 415...

...the client

software on his or her machine. This procedure will involve either executing the **downloaded** installation file, or initially decompressing the **downloaded**

0

file and then executing a setup application contained within the compressed archive. The installation...

14/3,K/17 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00431190 \*\*Image available\*\*

LOG BASED DATA ARCHITECTURE FOR A TRANSACTIONAL MESSAGE QUEUING SYSTEM  
ARCHITECTURE DE DONNEES A JOURNALISATION POUR SYSTEME TRANSACTIONNEL DE  
GESTION DE FILES D'ATTENTE DE MESSAGES

Patent Applicant/Assignee:

MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CENTER AMERICA INC,

Inventor(s):

WONG David W H,

SCHWENKE Derek L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9821654 A1 19980522

Application: WO 97US20561 19971111 (PCT/WO US9720561)

Priority Application: US 9630905 19961114

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN IL JP KR MX NO NZ SG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 104413

Main International Patent Class: **G06F-011/00**

International Patent Class: **G06F-12:00**

Fulltext Availability:

Detailed Description

Detailed Description

... been accomplished by systems which scan an entire so called log file to reconstruct the **up** -to-date state of the system before the crash. Log files are routinely utilized with...in question. However, there may indeed be subsequent log records thereafter which need to be **scanned** . If this is the case, then the system contacts the participant about the transaction state...the reservation table and determines a new file pointer position.

Thus, the entire section is **scanned** to update the state of reservation table 140, with the determination of the new file...

**14/3,K/18** (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00406215 \*\*Image available\*\*

**PRODUCT SELECTION SYSTEM**

**SYSTEME DE SELECTION D'UN PRODUIT**

Patent Applicant/Assignee:

INTELLIDENT LIMITED,  
HANKINS Timothy Glyn,

Inventor(s):

HANKINS Timothy Glyn,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9746960 A1 19971211

Application: WO 97GB1169 19970429 (PCT/WO GB9701169)

Priority Application: GB 9611788 19960606; GB 971808 19970129

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT  
RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH KE LS MW SD SZ UG AM  
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9625

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... tile device manager of tile svstem. Using the program on the reader, the customer can **scan product** barcodes, and find out whether the products

hat their is no relevant

...interest such as special offers and tile like. When human interests are found for a **scanned product** . the program 206 scrolls the text for interests in the display of the barcode reader...

14/3,K/19 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00368311 \*\*Image available\*\*

POINT-OF-SALE TERMINAL ADAPTED TO PROVIDE PRICING INFORMATION FOR SELECTED PRODUCTS

TERMINAL DE POINT DE VENTE FOURNISSANT DES INFORMATIONS DE PRIX POUR UNE SELECTION DE PRODUITS

Patent Applicant/Assignee:

FRASER William A,

Inventor(s):

FRASER William A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9708638 A1 19970306

Application: WO 96US13718 19960830 (PCT/WO US9613718)

Priority Application: US 953049 19950831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP  
KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK TJ TM TR TT UA UG US KE LS MW SD SZ UG AM AZ BY KG KZ MD RU  
TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7297

Main International Patent Class: G06F-017/60

International Patent Class: G06F

Fulltext Availability:

Detailed Description

Detailed Description

... system, after a product code 12 is scanned by scanner 13, a signal representing the **scanned product** code is sent to a single, unified memory unit 42. Memory unit 42 is a...

...and, if

applicable, the product code of an equivalent product. When a signal representing a **scanned product** code 12 is received from scanner 13 by memory unit 42, memory unit 42 compares...

...stored in memory unit 42, and identifies a stored product code which is identical to **scanned product** code 12. The identified product code is then used to retrieve the description and price...

...the price of the equivalent product, in the same manner that the price of the **scanned product** was retrieved. The equivalent product price is sent to circuit 15 through line 44. Circuit...

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)  
(c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200465  
(c) 2004 Thomson Derwent

Set	Items	Description
S1	107	SCAN?()BARCOD?
S2	146	SCAN?() (PRODUCT OR PRODUCTS OR MERCHANDISE OR ITEM OR ITEMS OR GOODS)
S3	12	(S1 OR S2) (5N) ((MOBILE OR PORTABLE OR PDA OR PERSONAL() DIGITAL() ASSISTANT? OR DIGITAL OR WIRELESS OR HANDHELD OR HAND()-HELD) OR PDAS OR LAPTOP? OR PALMTOP?)
S4	0	S3(5N) (SHOPPING() (AID OR AIDS OR ASSISTANCE OR TROLLEY OR -TROLLIES OR CART OR CARTS OR BASKET?) OR TROLLEY OR TROLLIES)
S5	0	S3(5N) (STORE OR STORES STORING OR SAVE OR SAVES OR SAVING)
S6	0	S3(5N) (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) () LOA-D?)
S7	40887	(CREAT? OR SEND OR SENDS OR SENDING OR RECEIV? OR PROCESS?-(5N) (ORDER OR ORDERS OR ORDERING)
S8	21	AU=(HANSMANN, U?, HANSMANN U? OR MERK, L? OR MERK L? OR ST-OBER, T? OR STOBER T?)
S9	6	S3 AND IC=G06F
S10	405981	(STORE OR STORES STORING OR SAVE OR SAVES OR SAVING)
S11	2	S3 AND S10
S12	1	S3 AND S7
S13	0	S12 NOT (S9 OR S11)
S14	35	(S1 OR S2) AND S10
S15	17	S14 AND IC=G06F
S16	17	S15 NOT (S9 OR S11)
S17	250	S1 OR S2
S18	7	S17 AND (IMPORT OR DOWNLOAD? OR UPLOAD? OR (DOWN OR UP) () L-OAD?)
S19	2	S18 AND IC=G06F
S20	4	S17 AND S7
S21	3	S20 AND IC=G06F
S22	0	S17 AND S8

9/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016348216 \*\*Image available\*\*  
WPI Acc No: 2004-506311/200448  
XRPX Acc No: N04-400002

**Storage media usage specification method e.g. for hard disk of computer, involves configuring set of storage media using application specific template selected by user, to provide storage media to user**

Patent Assignee: BHARADWAJ V R (BHAR-I); COLGROVE J A (COLG-I); DALAL C D (DALA-I); KARR R S (KARR-I); KULKARNI P M (KULK-I)

Inventor: BHARADWAJ V R; COLGROVE J A; DALAL C D; KARR R S; KULKARNI P M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040123063	A1	20040624	US 2002327535	A	20021220	200448 B

Priority Applications (No Type Date): US 2002327535 A 20021220

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040123063	A1	48	G06F-012/00	

Abstract (Basic): US 20040123063 A1

NOVELTY - An application specific template indicating intended use of storage media is selected by an user or software module using storage allocation service. A set of storage media is configured using the selected template, to provide storage media to user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) storage media usage specification system; and
- (2) computer program product storage media usage specification system.

USE - For specify usage of logical storage media such as optical disk such as compact disk-read only memory (CD-ROM), CD-R, magnetic disk, tape and hard disk of computer for business application, **personal digital assistant ( PDA ), document scanner , barcode reader, digital cellular telephone, digital camera.**

ADVANTAGE - Storage media corresponding to user requirement is provided and implemented without receiving user instruction.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of storage media configuration determination process.  
pp; 48 DwgNo 21/32

Title Terms: STORAGE; MEDIUM; SPECIFICATION; METHOD; HARD; DISC; COMPUTER; SET; STORAGE; MEDIUM; APPLY; SPECIFIC; TEMPLATE; SELECT; USER; STORAGE; MEDIUM; USER

Derwent Class: T01

International Patent Class (Main): G06F-012/00

File Segment: EPI

9/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016270413 \*\*Image available\*\*  
WPI Acc No: 2004-428307/200440

**System and method for managing food garbage gathering using electronic display tool**

Patent Assignee: HANIL I & C CO LTD (HANI-N)

Inventor: SEO M P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004016431	A	20040221	KR 200365056	A	20030919	200440 B

Priority Applications (No Type Date): KR 200365056 A 20030919

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004016431	A	1	G06F-019/00	

Abstract (Basic): KR 2004016431 A

NOVELTY - A system and a method for managing the food garbage gathering using an electronic display tool are provided to construct an effective gathering management system using a 2-dimensional barcode, an RFID(Radio Frequency IDentification), and a scanner, to manage a garbage charge of an apartment by each household, and to offer an information searching service regardless of location.

DETAILED DESCRIPTION - A sticker maker terminal(100) makes/delivers the stickers of a quantity requested from a computation center server, and informs a district office(200) and a gathering company(410) of the barcode information. The computation center server requests the sticker maker terminal to make/deliver the sticker, orders the gathering company to print the barcode to the sticker, and registers the information of a discharger(600). A computation center(300) collects and collectively manages the data by connecting to the computation center server, the gathering company server, and a discharger's terminal. The gathering company checks the gathering sticker while gathering the food garbage through the barcode by using a PDA, and transmits the scanned barcode data to the computation center.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; MANAGE; FOOD; GARBAGE; GATHER; ELECTRONIC; DISPLAY; TOOL

Derwent Class: T01

International Patent Class (Main): G06F-019/00

File Segment: EPI

9/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016212352 \*\*Image available\*\*

WPI Acc No: 2004-370239/200435

**Method for EC using mobile communication terminal embedded with bar code reader and recording medium storing the same**

Patent Assignee: LEE J S (LEEJ-I)

Inventor: LEE H J; LEE J S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004001772	A	20040107	KR 200237094	A	20020628	200435 B

Priority Applications (No Type Date): KR 200237094 A 20020628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004001772	A	1	G06F-017/60	

Abstract (Basic): KR 2004001772 A

NOVELTY - A method for the EC(Electric Commerce) using a mobile communication terminal embedded with a bar code reader and a recording



medium storing the same are provided to simply satisfy a buying desire of a customer by simultaneously performing goods purchase and settlement only if the customer scans a bar code included in the goods with the mobile communication terminal.

DETAILED DESCRIPTION - The bar code information of the **scanned goods** is received from the **mobile** communication terminal(115). A goods code is extracted from the bar code information. The goods information is searched by referring to the goods code(120). The searched goods information is transmitted to the mobile communication terminal(125). The confirmation information and the settlement information are received from the mobile communication terminal(130). It is judged that the settlement information is valid. If the settlement information is valid, the goods purchase is approved(135).

pp; 1 DwgNo 1/10

Title Terms: METHOD; MOBILE; COMMUNICATE; TERMINAL; EMBED; BAR; CODE; READ; RECORD; MEDIUM; STORAGE

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

9/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015150585 \*\*Image available\*\*

WPI Acc No: 2003-211112/200320

XRPX Acc No: N03-168256

**Dynamic inventory tracking and management system for contact lenses scans packaging information using hand-held devices to update server**

Patent Assignee: JOHNSON & JOHNSON VISION CARE (JOHJ )

Inventor: CORCORAN C; DUIS D; PELGER A; RAJA R; WANG D

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200317058	A2	20030227	WO 2002US26114	A	20020815	200320 B
AU 2002323202	A1	20030303	AU 2002323202	A	20020815	200452

Priority Applications (No Type Date): US 2001312635 P 20010815

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200317058 A2 E 54 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

AU 2002323202 A1 G06F-000/00 Based on patent WO 200317058

Abstract (Basic): WO 200317058 A2

NOVELTY - System comprises a server accessing a database storing lens product information, the products having packages with readable indices. A device at each location scans the indices dispensed to customers to obtain inventory tracking information and this is passed to the server. A tracking mechanism updates the quantities of lens products. An order entry infrastructure provides lens product ordering and fulfilment functions for the various locations.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for:

(1) A method of dynamically tracking an inventory of lens products

(2) A computer program for dynamically tracking an inventory of lens products

USE - System is for simplifying the tracking and control of contact lenses maintained in an inventory at the office of an eyecare professional, and automating the lens product ordering process.

ADVANTAGE - System streamlines the customer service order entry process by automatically generating orders, gives a low inventory warning, optimises inventory levels, uses a **handheld PDA** to **scan barcodes** and interfaces with existing telecommunications infrastructures.

DESCRIPTION OF DRAWING(S) - The figure shows a system architecture underlying the dynamic inventory and tracking and management system.

pp; 54 DwgNo 1/9

Title Terms: DYNAMIC; INVENTORY; TRACK; MANAGEMENT; SYSTEM; CONTACT; LENS;

SCAN; PACKAGE; INFORMATION; HAND; HELD; DEVICE; UPDATE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

9/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014436286 \*\*Image available\*\*

WPI Acc No: 2002-256989/200230

XRPX Acc No: N02-198963

**Mobile commerce terminal for ordering goods, services through Internet, has barcode scanner connected to mobile telephone for scanning barcode for identifying product to be ordered**

Patent Assignee: AC PROPERTIES BV (ACPR-N); ACCENTURE PROPERTIES 2 BV (ACCE-N)

Inventor: ANDERSON J D; FINLAYSON J A; OTLEY P J

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200197105	A2	20011220	WO 2001GB2554	A	20010611	200230 B
GB 2367975	A	20020417	GB 200014394	A	20000612	200234

Priority Applications (No Type Date): GB 200014394 A 20000612

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200197105	A2	E	33	G06F-017/60	
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Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

GB 2367975	A	H04Q-007/32
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Abstract (Basic): WO 200197105 A2

NOVELTY - A barcode scanner (21) connected to a mobile telephone (20), scans a barcode (11) for identifying the product to be ordered. The mobile telephone has a processor programmed to operate a wireless applications protocol (WAP) client, send connection less short messages or voice and dial tones received from the scanner.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) A mobile commerce system;

(b) A printed medium carrying a barcode suitable for use with the mobile commerce terminal

USE - For ordering goods, downloaded products such as MP3 music file, services such as car wash and for obtaining information through

Internet.

ADVANTAGE - Enables the user to place an order easily by using the barcode scanner.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the mobile commerce system.

Barcode (11)

Mobile telephone (20)

Barcode scanner (21)

pp; 33 DwgNo 1/9

Title Terms: MOBILE; TERMINAL; ORDER; GOODS; SERVICE; THROUGH; SCAN;

CONNECT; MOBILE; TELEPHONE; SCAN; IDENTIFY; PRODUCT; ORDER

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60 ; H04Q-007/32

International Patent Class (Additional): G06K-007/10

File Segment: EPI

9/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010444957 \*\*Image available\*\*

WPI Acc No: 1995-346274/199545

XRPX Acc No: N95-258897

**Item information loading system for merchandise - stores item information in one data a base and shelf identification information in another**

Patent Assignee: NCR INT INC (NATC ); AT & T GLOBAL INFORMATION SOLUTIONS INT (AMTT )

Inventor: GOODWIN J C

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 676708	A2	19951011	EP 95301818	A	19950320	199545 B
US 5473146	A	19951205	US 94223267	A	19940404	199603
JP 8006531	A	19960112	JP 9577583	A	19950403	199611
EP 676708	A3	19960117	EP 95301818	A	19950320	199621
EP 676708	B1	20010816	EP 95301818	A	19950320	200147
DE 69522132	E	20010920	DE 622132	A	19950320	200163
			EP 95301818	A	19950320	

Priority Applications (No Type Date): US 94223267 A 19940404

Cited Patents: No-SR.Pub; US 5172314; US 5241467; WO 9205499

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 676708	A2	E	12	G06F-017/60	
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Designated States (Regional): DE FR GB

US 5473146	A		12	G06K-015/00	
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JP 8006531	A		7	G09G-005/00	
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EP 676708	A3			G06F-017/60	
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EP 676708	B1	E		G06F-017/60	
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Designated States (Regional): DE FR GB

DE 69522132	E			G06F-017/60	Based on patent EP 676708
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Abstract (Basic): EP 676708 A

The information loading system includes one data base which contains item information. A second data base contains identification information for each of several shelf displays. A computer terminal matches the item information to the identification information. The two data bases are at different locations.

One computer terminal down-loads the item information and passes it to a second terminal where it is matched to identification information.

A **hand held** scanner is used for **scanning items** so as to obtain item information for storage in the data base.

USE/ADVANTAGE - In shelf display and in conjunction with bar code reader. Allows simple variation of prices and easy initialisation of shelf displays.

Dwg.1/8

Title Terms: ITEM; INFORMATION; LOAD; SYSTEM; MERCHANDISE; STORAGE; ITEM; INFORMATION; ONE; DATA; BASE; SHELF; IDENTIFY; INFORMATION

Derwent Class: P85; T01

International Patent Class (Main): G06K-015/00; G09G-005/00

International Patent Class (Additional): **G06F-017/60** ; G06K-007/00

File Segment: EPI; EngPI

?

11/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015645675 \*\*Image available\*\*

WPI Acc No: 2003-707858/200367

XRPX Acc No: N03-565549

Handheld merchandise scanner operating method involves scanning product tag to obtain product information without deactivating security tag when mode switch is operated in scan mode

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: CLOUSER P L; LEVINE F E; NEAL D M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6607125	B1	20030819	US 99450985	A	19991129	200367 B

Priority Applications (No Type Date): US 99450985 A 19991129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6607125	B1	10	G06K-007/10	

Abstract (Basic): US 6607125 B1

NOVELTY - A product tag is scanned to obtain product information without deactivating a security tag when the mode switch of scanner is in scan mode. The product tag is scanned to concurrently obtain product information and deactivate the security tag when the mode switch is in purchase mode. The activation/deactivation state of the security tag is determined by operating the security switch of the scanner.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for handheld merchandise scanner.

USE - For operating handheld merchandise scanner (claimed) used in retail store .

ADVANTAGE - Since the product tag is scanned is scan mode to obtain the product information without deactivating the security tag, the need for checking the security tag by the store personal is avoided.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the remote scanning device.

remote scanning device (12)

purchaser (14)

check-in station (16)

reading unit (22)

security tag (28)

pp; 10 DwgNo 2/6

Title Terms: MERCHANDISE; SCAN; OPERATE; METHOD; SCAN; PRODUCT; TAG; OBTAIN ; PRODUCT; INFORMATION; DEACTIVATE; SECURE; TAG; MODE; SWITCH; OPERATE; SCAN; MODE

Derwent Class: T04; T05; W05

International Patent Class (Main): G06K-007/10

File Segment: EPI

11/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012677684 \*\*Image available\*\*

WPI Acc No: 1999-483791/199941

XRPX Acc No: N99-360821

Optical barcode reader for point-of-sale operation in department store ,

supermarket - has light source, scanning beam generator, several pattern mirrors and photodetector are configured symmetrically with shaft at inner side of head portion

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11203393	A	19990730	JP 986513	A	19980116	199941 B

Priority Applications (No Type Date): JP 986513 A 19980116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11203393	A	7	G06K-007/10	

Abstract (Basic): JP 11203393 A

NOVELTY - An information reader has a light source (20), a scanning beam generator, several pattern mirrors (25-29) and a photodetector (31) which are configured symmetrically with a shaft in the inner side of a head portion (3). DETAILED DESCRIPTION - The light source (20) performs emission of light beam. A scanning beam generator performs scanning of light beams and generates a scanning beam which is reflected in different directions by several pattern mirrors (25- 29). A window (2) emits the scanning beam from the mirrors (25- 29). A condensing mirror (30) condenses light returned through the window. The condensed light is received by a photodetector (31) which detects its strength.

USE - E.g. **hand - held** type barcode scanner used for **scanning barcode** in point-of-sale operation in department **store** , supermarket by passing light.

ADVANTAGE - Offers simple, small sized scanner with sufficient symmetry. DESCRIPTION OF DRAWING(S) - The figure shows front elevation of optical system of hand-held type barcode scanner. (2) Window; (3) Head portion; (20) Light source; (25-29) Pattern mirrors; (30) Condensing mirror; (31) Photodetector.

Dwg.1/7

Title Terms: OPTICAL; READ; POINT; SALE; OPERATE; DEPARTMENT; STORAGE; SUPERMARKET; LIGHT; SOURCE; SCAN; BEAM; GENERATOR; PATTERN; MIRROR; PHOTODETECTOR; CONFIGURATION; SYMMETRICAL; SHAFT; INNER; SIDE; HEAD; PORTION

Derwent Class: T04

International Patent Class (Main): G06K-007/10

File Segment: EPI

?

16/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016481847 \*\*Image available\*\*  
WPI Acc No: 2004-639790/200462  
XRPX Acc No: N04-505594

**Provisional weight data contribution multiplying system, has weight multiplier coupled to authorized personnel identifier for multiplying contribution of sensed weight for scanned item for new weight computation**

Patent Assignee: NCR CORP (NATC )

Inventor: MASON T E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6779722	B1	20040824	US 2002185325	A	20020628	200462 B

Priority Applications (No Type Date): US 2002185325 A 20020628

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6779722	B1		9	G06K-015/00	

Abstract (Basic): US 6779722 B1

NOVELTY - The system has an authorized personnel identifier for identifying authorized personnel scanning an item. The identifier confirms the authorization of identified person through a database query. A provisional weight multiplier operatively coupled to the authorized personnel identifier multiplies a contribution of a sensed weight for the **scanned item** to a new weight computation.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for multiplying the contribution of provisional weight data for items scanned by authorized personnel to the computation of a new weight.

USE - Used for multiplying the contribution of provisional weight data for items, scanned by authorized personnel, at self-checkout terminal in grocery and retail stores.

ADVANTAGE - The system utilizes the more trustworthy data obtained by the **store** employee to confirm the new data value without significantly jeopardizing the integrity of the new data value computation. The system quickly collects the historical weight data required for computing an accurate weight for an item identifier.

DESCRIPTION OF DRAWING(S) - The drawing shows a flowchart of an exemplary method for collecting and weighting provisional weights for the computation of new weight for items scanned by the station.

pp; 9 DwgNo 3B/3

Title Terms: PROVISIONAL; WEIGHT; DATA; CONTRIBUTE; MULTIPLICATION; SYSTEM; WEIGHT; MULTIPLIER; COUPLE; AUTHORISE; PERSONNEL; IDENTIFY; MULTIPLICATION; CONTRIBUTE; SENSE; WEIGHT; SCAN; ITEM; NEW; WEIGHT; COMPUTATION

Derwent Class: S02; T01; T05

International Patent Class (Main): G06K-015/00

International Patent Class (Additional): **G06F-017/00**

File Segment: EPI

16/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016318787      \*\*Image available\*\*

WPI Acc No: 2004-476682/200445

**Financial business service using mobile communication terminal**

Patent Assignee: LEE H (LEE H-I)

Inventor: LEE H; MIN J Y; PARK C S

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004025232	A	20040324	KR 200257094	A	20020918	200445 B

Priority Applications (No Type Date): KR 200257094 A 20020918

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004025232	A		1 G06F-017/60	

Abstract (Basic): KR 2004025232 A

NOVELTY - A financial business service using a mobile communication terminal is provided to scan 1D(Dimension) or 2D barcode on a mono or a color screen in order to reduce security risk and process a high price settlement with the mobile communication terminal.

DETAILED DESCRIPTION - A user requests an electronic settlement service using the mobile communication terminal(110). A mobile communication company confirms user certification and member shop(120). The mobile communication company generates/transmits the encrypted 2D barcode of the information for the electronic settlement to the mobile communication terminal(130). The barcode displayed on the mobile communication terminal is inputted through a barcode scanner of the member store (140). The price settlement, a credit loan, and a cash service are provided to the user by using the scanned barcode (150). The user inquires the transaction particulars, and the mobile communication company sends the use particulars and a bill(160).

pp; 1 DwgNo 1/10

Title Terms: FINANCIAL; BUSINESS; SERVICE; MOBILE; COMMUNICATE; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

**16/5/3      (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015802424      \*\*Image available\*\*

WPI Acc No: 2003-864627/200380

XRPX Acc No: N03-690239

**Online shopping method involves acquiring data associated with item according to bar code data scanned by wireless device, and search data for searching similar items is generated based on acquired data**

Patent Assignee: COMPUTER ASSOC THINK INC (COMP-N)

Inventor: DIVEKAR S M

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030200152	A1	20031023	US 2002126755	A	20020419	200380 B

Priority Applications (No Type Date): US 2002126755 A 20020419

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030200152	A1		16 G06F-017/60	

Abstract (Basic): US 20030200152 A1



NOVELTY - The data associated with an item is acquired, according to bar code data scanned by a wireless device. The search data for searching similar items, is generated based on acquired data. The data related to similar items, is acquired using the generated search data. The acquired data of items, are transmitted to the wireless device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) information comparing method; and
- (2) sellers locating method.

USE - For online shopping using portable wireless communication devices such as personal digital assistants, personal computers, cellular phone communicating through wireless communication network such as cellular network, local area network (LAN), wireless area network (WAN), digital wireless network.

ADVANTAGE - The user is enabled to purchase the **scanned item** or one of similar item at **store** which is in the remote place, using the wireless communication device.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a wireless shopping system.

wireless shopping system (100)  
portable wireless communication device (105)  
wireless device communication unit (120)  
memory unit (130)  
merchant communication unit (135)  
communication network (140)  
pp; 16 DwgNo 1/7

Title Terms: SHOPPING; METHOD; ACQUIRE; DATA; ASSOCIATE; ITEM; ACCORD; BAR; CODE; DATA; SCAN; WIRELESS; DEVICE; SEARCH; DATA; SEARCH; SIMILAR; ITEM; GENERATE; BASED; ACQUIRE; DATA

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014797896 \*\*Image available\*\*

WPI Acc No: 2002-618602/200266

Related WPI Acc No: 2004-409958; 2004-419163

XRPX Acc No: N02-489762

**Automatic checkout device for grocery store , supermarket, has video monitor to display cost of scanned products selected by consumer**

Patent Assignee: WRIGLEY JR CO WM (WRIL ); BARTON S P (BART-I); CHIBE P (CHIB-I)

Inventor: BARTON S P; CHIBE P

Number of Countries: 080 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095343	A1	20020718	US 2001261512	P	20010112	200266	B
			US 2001960915	A	20010921		
WO 200256141	A2	20020718	WO 2002US297	A	20020108	200266	
CZ 200302181	A3	20031217	WO 2002US297	A	20020108	200404	
			CZ 20032181	A	20020108		
EP 1384181	A2	20040128	EP 2002704063	A	20020108	200409	
			WO 2002US297	A	20020108		
AU 2002237763	A1	20020724	AU 2002237763	A	20020108	200427	
SK 200300895	A3	20040406	WO 2002US297	A	20020108	200427	
			SK 2003895	A	20020108		

Priority Applications (No Type Date): US 2001261512 P 20010112; US  
2001960915 A 20010921  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020095343 A1 28 G06F-017/60 Provisional application US 2001261512

WO 200256141 A2 E G06F-000/00  
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ  
DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW  
CZ 200302181 A3 G06F-017/60 Based on patent WO 200256141  
EP 1384181 A2 E G06F-017/60 Based on patent WO 200256141  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR  
AU 2002237763 A1 G06F-017/60 Based on patent WO 200256141  
SK 200300895 A3 G06F-017/60 Based on patent WO 200256141

Abstract (Basic): US 20020095343 A1

NOVELTY - A scanner (28) scans the products selected by a consumer.  
A video monitor displays the cost of the **scanned products** which are  
dispensed into a container by a dispenser.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following:

- (1) Automatic purchasing device;
- (2) Point of purchase-device;
- (3) Consumable and non-consumable product dispensing device;
- (4) Automatic checkout device operation method;
- (5) Consumable and non-consumable product provision method;
- (6) Revenue generation method;
- (7) Product purchasing method;
- (8) Point of purchase product provision system;
- (9) Point of purchase product dispensing method; and
- (10) Point of purchase device operation method.

USE - For automatic checkout of point of purchase products such as  
confectionery items e.g. gum, candy and soft drinks, non-consumable  
items e.g. magazine, newspaper, movie ticket, airplane ticket,  
periodicals, video tape, CD, DVD, cigarette lighter, battery, key  
chain, writing instrument, film, toiletry and toy in gas station,  
grocery **store**, fast food restaurant, movie theater, airport and super  
market.

ADVANTAGE - Facilitates the point of purchase products to be  
automatically dispensed as the consumer purchases other retail items.  
Enables the consumer to make a single payment for the point of purchase  
products and the retail items.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of  
the stand alone point of purchase device.

Scanner (28)

pp; 28 DwgNo 2/9

Title Terms: AUTOMATIC; CHECKOUT; DEVICE; GROCERY; STORAGE; SUPERMARKET;

VIDEO; MONITOR; DISPLAY; COST; SCAN; PRODUCT; SELECT; CONSUME

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-000/00 ; G06F-017/60

File Segment: EPI

16/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014613595     \*\*Image available\*\*  
WPI Acc No: 2002-434299/200246  
Related WPI Acc No: 2002-416529; 2002-434293  
XRPX Acc No: N02-341811

**Integrated customer management system used with point-of-sales system  
analyses commodity purchase information and commodity preference of  
customer based on result of processed commodity information**

Patent Assignee: SECUBAY CORP (SECU-N)  
Inventor: EOM D; GWON H; OH C; SHIN Y  
Number of Countries: 001    Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020040341	A1	20020404	US 2001968160	A	20011001	200246	B
US 6679421	B2	20040120	US 2001968160	A	20011001	200407	

Priority Applications (No Type Date): KR 200057214 A 20000929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020040341	A1		9	G06F-017/60	
US 6679421	B2			G06F-017/00	

Abstract (Basic): US 20020040341 A1

NOVELTY - A processor (340) transfers the customer information and commodity information which is obtained from **scanned barcoded** data on cellular phone to the processor (320). The processor (320) calculates the total amount of money to be paid by the customer and transfers calculated result to a credit card company. The processor (350) processes the information received from the processor (320) and analyses the commodity purchase information and the commodity preference.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for customer management method.

USE - Customer management system using liquid crystal display (LCD) barcode displayed on mobile terminal such as cellular phone, personal digital assistant (PDA) and pager, and used with point-of-sales (POS) system and electronic purchase system in theater, concert hall, playing ground and other places employing tickets, and in department **store**, fast food restaurant beauty salon, large scale supermarket.

ADVANTAGE - The use of barcodes enable low cost implementation of the system which rapidly and accurately acquires purchase details and propensities of the customer by linking with POS system effectively. The use of cellular phone eliminates the need for carrying customer management cards or coupons and enables the system to rapidly transfer the desired information to customers at any place. Effective marketing is done based on the acquired purchase information. Since the system manages the customers during both inline and offline purchase, the efficiency of the system is increased.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the customer management system.

Processors (320,340,350)

pp; 9 DwgNo 1/4

Title Terms: INTEGRATE; CUSTOMER; MANAGEMENT; SYSTEM; POINT; SALE; SYSTEM;  
ANALYSE; COMMODITY; PURCHASE; INFORMATION; COMMODITY; PREFER; CUSTOMER;  
BASED; RESULT; PROCESS; COMMODITY; INFORMATION

Derwent Class: T01; T04; T05; W01

International Patent Class (Main): G06F-017/00 ; G06F-017/60

File Segment: EPI

16/5/6            (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014141534    \*\*Image available\*\*

WPI Acc No: 2001-625745/200172

Related WPI Acc No: 1999-493632; 2000-270024; 2002-269234

XRPX Acc No: N01-466445

**Item dispensing system with plural dispensers at different retail locations and using a central computer to receive and store information from dispenser processors related to items dispensed**

Patent Assignee: INTERLOTT TECHNOLOGIES INC (INTE-N)

Inventor: NICHOLS D F; PERIN J C; WAGONER D G

Number of Countries: 095    Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200163450	A1	20010830	WO 2001US5443	A	20010221	200172    B
AU 200141598	A	20010903	AU 200141598	A	20010221	200202
US 6351688	B1	20020226	US 9839073	A	19980313	200220
			US 99325082	A	19990603	
			US 2000513408	A	20000225	
EP 1277131	A1	20030122	EP 2001912859	A	20010221	200308
			WO 2001US5443	A	20010221	
KR 2002077499	A	20021011	KR 2002710971	A	20020822	200314

Priority Applications (No Type Date): US 2000513408 A 20000225; US 9839073 A 19980313; US 99325082 A 19990603

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200163450	A1	E	36	G06F-017/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200141598	A			G06F-017/00	Based on patent WO 200163450
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US 6351688	B1			G06F-017/00	Div ex application US 9839073 CIP of application US 99325082 Div ex patent US 5943241 CIP of patent US 6038492
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EP 1277131	A1	E		G06F-017/00	Based on patent WO 200163450
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

KR 2002077499	A			G06F-019/00	
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Abstract (Basic): WO 200163450 A1

NOVELTY - A clerk on the retailer side of a counter (20) **scans items** and their prices in a point of sale (POS) terminal (33) and accepts customer payment. When buying tickets, the amount is input into a retailer accounts module (38) and transmitted to a customer access module (48) with keys for selecting desired game tickets. The selected tickets (51) are dispensed by dispensers (58) and any remaining customer credit is shown on displays (44,54), while information on items dispensed is sent from a computer in a terminal to a host computer.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a method of operating an item dispensing system.

USE - Operating a ticket dispensing system.

ADVANTAGE - Automatic and simplified reporting of item dispensing information.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram of the system Counter (20)

POS terminal (33)

Retailer and customer modules (38,48)

Dispensers (58)  
Displays (44,54)  
pp; 36 DwgNo 1/9  
Title Terms: ITEM; DISPENSE; SYSTEM; PLURAL; DISPENSE; RETAIL; LOCATE;  
CENTRAL; COMPUTER; RECEIVE; STORAGE; INFORMATION; DISPENSE; PROCESSOR;  
RELATED; ITEM; DISPENSE  
Derwent Class: T01; T05  
International Patent Class (Main): G06F-017/00 ; G06F-019/00  
File Segment: EPI

16/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013661777 \*\*Image available\*\*  
WPI Acc No: 2001-145989/200115  
XRPX Acc No: N01-106769

Self service check out terminal operating method in retail industry,  
involves disabling and enabling scanner in response to generation of item  
entered and item not detected control signals, respectively

Patent Assignee: NCR CORP (NATC )

Inventor: LUTZ D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6155486	A	20001205	US 99245588	A	19990208	200115 B

Priority Applications (No Type Date): US 99245588 A 19990208

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6155486	A	14	A47F-009/04	

Abstract (Basic): US 6155486 A

NOVELTY - An item entered control signal is generated when user  
**scans item** for purchase, with scanner device and accordingly  
disables the scanner device. An item not detected control signal is  
generated if user does not detect placement of item in post scan area  
within predetermined period subsequent to generation of item entered  
control signal and accordingly enables the scanner device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for  
self service check out terminal.

USE - For operating security system of self service check out  
terminal used in retail business in grocery **store** , super market.

ADVANTAGE - Ensures security from improprieties such as theft by  
enhanced terminal operation by customer.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart  
illustrating self service check out terminal operating method.

pp; 14 DwgNo 5/5

Title Terms: SELF; SERVICE; CHECK; TERMINAL; OPERATE; METHOD; RETAIL;  
INDUSTRIAL; DISABLE; ENABLE; SCAN; RESPOND; GENERATE; ITEM; ENTER; ITEM;  
DETECT; CONTROL; SIGNAL; RESPECTIVE

Derwent Class: P27; S02; T01

International Patent Class (Main): A47F-009/04

International Patent Class (Additional): G06F-017/60

File Segment: EPI; EngPI

16/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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013630610 \*\*Image available\*\*

WPI Acc No: 2001-114818/200113

XRPX Acc No: N01-084501

**Inventory management system in warehouse, has reader to scan goods code while taking goods from warehouse and stores it corresponding to delivery data in database**

Patent Assignee: NTT DATA TSUSHIN KK (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000247415	A	20000912	JP 9944121	A	19990223	200113 B

Priority Applications (No Type Date): JP 9944121 A 19990223

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000247415	A	15	B65G-001/137	

Abstract (Basic): JP 2000247415 A

NOVELTY - When taking out goods from a shelf for delivery, a reader scans the goods code and stores it corresponding to delivery data in a database (13) to indicate the dispatch of goods. During goods supply to warehouse, a position code is read from goods and corresponding warehouse cell or shelf data is obtained from database to **store** the goods in appropriate place.

DETAILED DESCRIPTION - When supplying goods to warehouse, goods code and position code are read and goods data is updated in the database. INDEPENDENT CLAIMS are also included for the following:

(a) inventory management procedure;

(b) recording medium storing inventory control program

USE - For inventory management of various goods or variety of documents in a warehouse.

ADVANTAGE - Avoids loss of goods during delivery and incorrect storing of goods during supply.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of inventory management system.

Database (13)

pp; 15 DwgNo 1/7

Title Terms: INVENTORY; MANAGEMENT; SYSTEM; WAREHOUSE; READ; SCAN; GOODS; CODE; GOODS; WAREHOUSE; STORAGE; CORRESPOND; DELIVER; DATA; DATABASE

Derwent Class: Q35; T01; T05

International Patent Class (Main): B65G-001/137

International Patent Class (Additional): G06F-017/30 ; G06F-017/60

File Segment: EPI; EngPI

**16/5/9 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013378757 \*\*Image available\*\*

WPI Acc No: 2000-550695/200051

XRPX Acc No: N00-407371

**Stock control computer system, compares current stock list with predetermined stock level and indicates which items need replacement**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )

Inventor: GADD R J

Number of Countries: 030 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 1011061	A2	20000621	EP 99309977	A	19991210	200051	B
GB 2344904	A	20000621	GB 9827738	A	19981217	200051	
JP 2000177808	A	20000627	JP 99349776	A	19991209	200051	
KR 2000047590	A	20000725	KR 9948305	A	19991103	200115	
TW 449708	A	20010811	TW 99103939	A	19990315	200237	
SG 87861	A1	20020416	SG 996103	A	19991206	200240	
US 6561417	B1	20030513	US 99348567	A	19990707	200335	
KR 368351	B	20030124	KR 9948305	A	19991103	200339	
JP 2004026507	A	20040129	JP 99349776	A	19991209	200410	
			JP 2003273524	A	20030711		

Priority Applications (No Type Date): GB 9827738 A 19981217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1011061	A2	E	9	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
JP 2000177808	A		9	B65G-001/137	
KR 2000047590	A			G06F-017/60	
TW 449708	A			G06F-017/60	
SG 87861	A1			G06F-017/60	
US 6561417	B1			G06K-015/00	
KR 368351	B			G06F-017/60	Previous Publ. patent KR 2000047590
JP 2004026507	A		13	B65G-061/00	Div ex application JP 99349776

Abstract (Basic): EP 1011061 A2

NOVELTY - The computer system includes a memory (40) for storing a current stock list based on product codes. An electronic version of a **store** purchase receipt, including product codes for the items purchased, is sent from the **store** to the customer's home computer where it is used to update the current stock list (41) by addition of products purchased. Items are deleted from the current stock list as they are disposed of by the customer, in response to an electronic indication of the corresponding product codes produced, for example, by **scanning product** packaging with a bar code scanner. When the customer initiates a home stock check, the current stock list is compared with a predetermined stock level and an indication of which items need replacement is produced.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of stock control and computer program.

USE - For stock control, in the home, of everyday household items.

ADVANTAGE - Provides rapid and convenient way of updating inventory of products, enabling rapid generation of a shopping list of items to be replaced.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of internal computer program and memory components of stock control computer system.

memory (40)

current stock list (41)

pp; 9 DwgNo 2/3

Title Terms: STOCK; CONTROL; COMPUTER; SYSTEM; COMPARE; CURRENT; STOCK; LIST; PREDETERMINED; STOCK; LEVEL; INDICATE; ITEM; NEED; REPLACE

Derwent Class: Q35; T01; T04; T05

International Patent Class (Main): B65G-001/137; B65G-061/00; **G06F-017/60**; G06K-015/00

International Patent Class (Additional): **G06F-019/00**; G07G-001/06; G07G-001/12; G07G-001/14

File Segment: EPI; EngPI

16/5/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012789491 \*\*Image available\*\*

WPI Acc No: 1999-595718/199951

XRPX Acc No: N99-439996

**Management simulation procedure in management decision support system of retail stores, restaurants - involves carrying out interaction of objective component within recognized scanning limit settings**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11259570	A	19990924	JP 9862751	A	19980313	199951 B

Priority Applications (No Type Date): JP 9862751 A 19980313

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11259570	A	30	G06F-017/60	

Abstract (Basic): JP 11259570 A

NOVELTY - Interaction of objective component is done within the recognized **scanning**. **Goods** service transfer action and service behavior are changed according to set action rule with reference to interaction of objective component. According to the action result, data regarding objective area is changed and mutual data is updated. DETAILED DESCRIPTION - The objective space with several cells is created. Several objective components for simulating goods service transfer action and service behavior are setup in the created objective space. The interaction of predefined objective component is repeated for predefined time.

USE - For management simulation in management decision support system in retail **store**, restaurant, building material supply industry.

ADVANTAGE - Goods service transfer action and service action are simulated according to simulated selling using simple algorithm thereby this improves service efficiency. The data of an objective components interaction produced from action result is updated repeatedly and this helps in reflecting next time behavior of visitor within the sphere of quotient. DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of algorithm of entire simulation in a **store** with management simulation procedure.

Dwg.8/24

Title Terms: MANAGEMENT; SIMULATE; PROCEDURE; MANAGEMENT; DECIDE; SUPPORT; SYSTEM; RETAIL; STORAGE; RESTAURANT; CARRY; INTERACT; OBJECTIVE;

COMPONENT; SCAN; LIMIT; SET

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/00

File Segment: EPI

16/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012758019 \*\*Image available\*\*

WPI Acc No: 1999-564138/199948

XRPX Acc No: N99-417008

**Electronic personal shopping system for use in a retail facility**

Patent Assignee: FUJITSU LTD (FUJIT )



Inventor: OGASAWARA N

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2336925	A	19991103	GB 992631	A	19990205	199948 B
JP 2000030148	A	20000128	JP 99118048	A	19990426	200017
US 6123259	A	20000926	US 9870373	A	19980430	200051
US 6386450	B1	20020514	US 9870373	A	19980430	200239
			US 2000629992	A	20000801	
GB 2336925	B	20020724	GB 992631	A	19990205	200256

Priority Applications (No Type Date): US 9870373 A 19980430; US 2000629992 A 20000801

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2336925	A		69	G06F-017/60	
JP 2000030148	A		18	G07G-001/00	
US 6123259	A			G06K-005/00	
US 6386450	B1			G06K-015/00	Cont of application US 9870373
					Cont of patent US 6123259
GB 2336925	B			G06F-017/60	

Abstract (Basic): GB 2336925 A

NOVELTY - The **store** computer (50) communicates with a mobile terminal (5) to find a customers present location and the tell the customer the location of desired items from a shopping list or recommended replenishment list read by the mobile terminal from an IC card.

DETAILED DESCRIPTION - When a customer scans an item (15) the location of the product in the facility is assumed to be the location of the customer. A desired destination is calculated based on the distance to other items on the shopping list.

INDEPENDENT CLAIMS are included for the method of personal shopping, a mobile terminal and a customer identification card for use with the personal shopping system.

USE - For use as an electronic personal shopping system in a retail facility.

ADVANTAGE - The system aids a shopper by providing the location of the nearest item on the shopping list. All **scanned items** can be used to create a recent shopping history that creates a recommended replenishment list to further help the customer.

DESCRIPTION OF DRAWING(S) - The drawing shows a simplified block diagram of the personal shopping system.

Hand held shopping terminal (5)

Barcode scanner (15)

Retail central computer (50)

pp; 69 DwgNo 1/8

Title Terms: ELECTRONIC; PERSON; SHOPPING; SYSTEM; RETAIL; FACILITY

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60 ; G06K-005/00; G06K-015/00; G07G-001/00

International Patent Class (Additional): G06K-017/00; G06K-019/07; G06K-019/10; G07G-001/14

File Segment: EPI

16/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012130475 \*\*Image available\*\*

Search Performed by Sylvia Keys 12-Oct-04

WPI Acc No: 1998-547387/199847

XRPX Acc No: N98-426617

**Self scanning system for use in supermarket - switches to usage prohibition mode, when specific code entered by user is not already registered**

Patent Assignee: TERAOKA SEIKO CO LTD (TERA )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10241050	A	19980911	JP 9746597	A	19970228	199847 B
JP 3052876	B2	20000619	JP 9746597	A	19970228	200033

Priority Applications (No Type Date): JP 9746597 A 19970228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10241050	A		9	G07G-001/12	
JP 3052876	B2		8	G07G-001/12	Previous Publ. patent JP 10241050

Abstract (Basic): JP 10241050 A

The scanning system (B) includes several hand held scanners (A1-An) using which visitor reads barcode of purchased goods. The hand held scanner is also equipped with usage prohibition unit. The hand held scanner switches to the usage prohibition mode, when specific code entered by the user is not already registered.

Then, a warning unit does not emit a warning signal when the hand held is in the usage prohibition mode. The warning unit emits warning signal only in the usage mode, after account settlement completion.

USE - For **scanning barcode** of purchased goods.

ADVANTAGE - Facilitates to confirm location of hand held scanner. Improves management efficiency of **store**. Prevents emission of warning signal from hand held scanner, when visitor does not finish account settlement. Uses hand held scanner that makes use of charging type battery.

Dwg.1/4

Title Terms: SELF; SCAN; SYSTEM; SUPERMARKET; SWITCH; PROHIBIT; MODE; SPECIFIC; CODE; ENTER; USER; REGISTER

Index Terms/Additional Words: POINT; OF; SALES; SYSTEM

Derwent Class: T01; T04; T05

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI

**16/5/13 (Item 13 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011745081 \*\*Image available\*\*

WPI Acc No: 1998-161991/199815

XRPX Acc No: N98-128888

**SET history control apparatus - includes bar code scanner which scan product identification information and SET number from bar code attached to product and failure code from failure code book when failure occurs**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )

Inventor: HONG Y; SONG J; HONG Y P; SONG J C

Number of Countries: 004 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2317479	A	19980325	GB 9713694	A	19970630	199815 B
JP 10091236	A	19980410	JP 97189325	A	19970630	199825

KR 98004140	A	19980330	KR 9625833	A	19960629	199903
US 6036087	A	20000314	US 97885733	A	19970630	200020
GB 2317479	B	20000510	GB 9713694	A	19970630	200026
JP 3086194	B2	20000911	JP 97189325	A	19970630	200046
KR 182925	B1	19990515	KR 9625833	A	19960629	200053

Priority Applications (No Type Date): KR 9625833 A 19960629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2317479	A		25	G06K-017/00	
JP 10091236	A		13	G05B-023/02	
KR 98004140	A			G06F-017/60	
US 6036087	A			G06F-017/00	
GB 2317479	B			G06K-017/00	
JP 3086194	B2	12		G05B-023/02	Previous Publ. patent JP 10091236
KR 182925	B1			G06F-017/60	

Abstract (Basic): GB 2317479 A

The SET history control apparatus includes a system control computer. A bar code printer for issuing product identification information and a SET number in bar code form, according to information received from the system control computer, for attachment to a product in a production line. Failure code books contain failure codes in bar code form. Each failure code corresponds to a particular type of failure which can occur in the production process.

Bar code scanners scan the product identification information and SET number from the bar code attached to a product and a failure code from a failure code book when a failure occurs. The scanned information is passed to the system control computer. The system control computer is adapted to analyse the scanned information and to **store** history information by SET in a memory concerning the assembly, checking and despatching processes of each SET.

ADVANTAGE - Improves product quality. Prevents repetitive occurrences of same failure and sending-out of same SET failure history even after another same defect is sent out.

Dwg.6a/7

Title Terms: SET; HISTORY; CONTROL; APPARATUS; BAR; CODE; SCAN; SCAN; PRODUCT; IDENTIFY; INFORMATION; SET; NUMBER; BAR; CODE; ATTACH; PRODUCT; FAIL; CODE; FAIL; CODE; BOOK; FAIL; OCCUR

Derwent Class: P56; T01; T04; T05; T06

International Patent Class (Main): G05B-023/02; **G06F-017/00** ; **G06F-017/60** ; G06K-017/00

International Patent Class (Additional): B23Q-041/08; G06K-007/00; G06K-007/10

File Segment: EPI; EngPI

16/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011638489 \*\*Image available\*\*

WPI Acc No: 1998-055397/199806

XRPX Acc No: N98-043901

Music sampling apparatus e.g. for previewing music recording - has bar code reader, wireless transceiver, earphone jack and battery integrated into pen sized device, with bar code reader used to scan product identification code which is sent to central computer or music store

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: TOGNAZZINI B

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 817139	A2	19980107	EP 97110819	A	19970701	199806 B
JP 10232690	A	19980902	JP 97175721	A	19970701	199845
US 5894119	A	19990413	US 96680500	A	19960701	199922

Priority Applications (No Type Date): US 96680500 A 19960701

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 817139	A2	E	17	G07F-017/16	
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
JP 10232690	A		36	G10L-003/00	
US 5894119	A			G06F-017/00	

Abstract (Basic): EP 817139 A

The apparatus comprises a bar code reader. A transceiver receives product information from the bar code reader and transmits it to a remote location and receives back music samples. An audio output receives the music samples and provides them to a listener.

The apparatus is in the shape of a pen and the bar code reader is the point of the pen. The transceiver is an infrared transmitter receiver. A selector switch is connected to the transmitter receiver to signal a request for a different sample.

ADVANTAGE - Original album remains shrink-wrapped and user need not move from where he or she is browsing. User would no longer need to be serious about particular album before deciding review it. Increases sales of lesser known groups and albums.

Dwg.1/11

Title Terms: MUSIC; SAMPLE; APPARATUS; PREVIEW; MUSIC; RECORD; BAR; CODE; READ; WIRELESS; TRANSCEIVER; EARPHONE; JACK; BATTERY; INTEGRATE; PEN; SIZE; DEVICE; BAR; CODE; READ; SCAN; PRODUCT; IDENTIFY; CODE; SEND; CENTRAL; COMPUTER; MUSIC; STORAGE

Derwent Class: P86; T04; T05; W02; W04

International Patent Class (Main): G06F-017/00 ; G07F-017/16; G10L-003/00

International Patent Class (Additional): G01S-017/66; G06K-007/00;

G11B-027/00; H04R-001/10

File Segment: EPI; EngPI

16/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010270857 \*\*Image available\*\*

WPI Acc No: 1995-172112/199523

XRPX Acc No: N95-134867

**Goods inventory system for store or restaurant etc - uses transportable data memory provided by scanning labelled goods at distribution warehouse to provide inventory data at sales point**

Patent Assignee: CASH & CARRY ANGEHRN AG (CASH-N)

Inventor: ANGEHRN-MUELLER P

Number of Countries: 017 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 652535	A2	19950510	EP 94810591	A	19941010	199523 B
EP 652535	A3	19971119	EP 94810591	A	19941010	199816
EP 652535	B1	20021204	EP 94810591	A	19941010	200303
DE 59410217	G	20030116	DE 510217	A	19941010	200306
			EP 94810591	A	19941010	

Priority Applications (No Type Date): CH 933025 A 19931008  
 Cited Patents: No-SR.Pub; DE 3632754; EP 37649; GB 2249416; US 4340810  
 Patent Details:  
 Patent No Kind Lan Pg Main IPC Filing Notes  
 EP 652535 A2 G 9 G06K-017/00  
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE  
 EP 652535 A3 G06K-017/00  
 EP 652535 B1 G G06K-017/00  
 Designated States (Regional): AT CH DE DK FR GB IT LI NL  
 DE 59410217 G G06K-017/00 Based on patent EP 652535

Abstract (Basic): EP 652535 A

The inventory system scans the label attached to the goods at the distribution warehouse via a hand-held reader (30), to transfer the scanned data to a transportable data memory (D), which is inserted in the processor (50) at the sales point. The goods labels are scanned at the sales point and the scanned data is printed out together with data provided from the data memory, to provide an inventory list (71) and a sales ticket (81) for the customer.

Pref. the transportable memory is provided as a memory disc, the **scanned goods** codes stored alongside goods specification data, arranged in groups containing similar types of goods.

USE/ADVANTAGE - For allowing small **store** or shop to determine type and quantity of goods being sold.

Dwg.1/3

Title Terms: GOODS; INVENTORY; SYSTEM; STORAGE; RESTAURANT; TRANSPORT; DATA  
 ; MEMORY; SCAN; LABEL; GOODS; DISTRIBUTE; WAREHOUSE; INVENTORY; DATA;  
 SALE; POINT

Derwent Class: T01; T04

International Patent Class (Main): G06K-017/00

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI

**16/5/16 (Item 16 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009406874 \*\*Image available\*\*

WPI Acc No: 1993-100384/199312

XRPX Acc No: N93-076389

**Electronically recording and redeeming coupon system - includes coupon scanner which has memory for storing data representing scanned product codes and coupon codes.**

Patent Assignee: COUNTS R D (COUN-I)

Inventor: COUNTS R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5192854	A	19930309	US 90558775	A	19900726	199312 B
			US 92829561	A	19920205	

Priority Applications (No Type Date): US 90558775 A 19900726; US 92829561 A 19920205

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5192854	A		15	G06F-007/20	Cont of application US 90558775

Abstract (Basic): US 5192854 A

The system handles coupons selected by a customer. The coupons have

a product code of the product covered by the coupon and have a corresponding coupon code representing information relating to the value of the coupon. A coupon scanner used by the customer scans the coupons and has a memory for storing data representing the **scanned product** codes and their corresponding coupon codes. A product scanner at a retail **store scans product** codes of products to be purchased and provides data representing the scanned codes.

A processor credits to the customer the value of the coupon when the data representing the scanned codes corresponds to the data in the coupon scanner memory. The system may also include a kiosk having a processor interfacing with the coupon scanner for providing to the scanner additional data and for providing to the kiosk information stored in the coupon scanner.

ADVANTAGE - Convenient to use and reduces handling of coupon.

Dwg.1/7

Title Terms: ELECTRONIC; RECORD; COUPON; SYSTEM; COUPON; SCAN; MEMORY; STORAGE; DATA; REPRESENT; SCAN; PRODUCT; CODE; COUPON; CODE  
Derwent Class: T01; T05  
International Patent Class (Main): G06F-007/20  
International Patent Class (Additional): G06F-015/74  
File Segment: EPI

16/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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007116032

WPI Acc No: 1987-116029/198716

XRPX Acc No: N87-087128

**Order processing apparatus for package labelling - compares item**

**characterising code on each item on conveyor to those on store order**

Patent Assignee: GOODY PRODUCTS INC (GOOD-N)

Inventor: GOLDBERG S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4656591	A	19870407	US 85776983	A	19850912	198716 B

Priority Applications (No Type Date): US 83485841 A 19830418; US 83463487 A 19830203; US 85776983 A 19850912

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4656591	A		22		

Abstract (Basic): US 4656591 A

The apparatus includes a scanner for registering the characterisation of each item supplied to the apparatus. A labeler applies customer-related data to at least some of the supplied items and an allocator is jointly responsive to the scanner and the order recorder for allocating each **scanned item** to one of the orders, if any, among those orders for which there is a stored requirement for the same variety of item as the **scanned item**. The allocator comprises a device for selecting one of the orders, if any, having such stored requirement.

A unit controls the labeler to label each item whose registered characterisation corresponds to a stored requirement in the selected order with customer-related data in accordance with the selected order. An accounting device limits the allocation of items scanned by the

19/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014436286 \*\*Image available\*\*

WPI Acc No: 2002-256989/200230

XRPX Acc No: N02-198963

Mobile commerce terminal for ordering goods, services through Internet,  
has barcode scanner connected to mobile telephone for scanning barcode  
for identifying product to be ordered

Patent Assignee: AC PROPERTIES BV (ACPR-N); ACCENTURE PROPERTIES 2 BV  
(ACCE-N)

Inventor: ANDERSON J D; FINLAYSON J A; OTLEY P J

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200197105	A2	20011220	WO 2001GB2554	A	20010611	200230 B
GB 2367975	A	20020417	GB 200014394	A	20000612	200234

Priority Applications (No Type Date): GB 200014394 A 20000612

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200197105	A2	E	33 G06F-017/60	

Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

GB 2367975 A H04Q-007/32

Abstract (Basic): WO 200197105 A2

NOVELTY - A barcode scanner (21) connected to a mobile telephone (20), scans a barcode (11) for identifying the product to be ordered. The mobile telephone has a processor programmed to operate a wireless applications protocol (WAP) client, send connection less short messages or voice and dial tones received from the scanner.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) A mobile commerce system;
- (b) A printed medium carrying a barcode suitable for use with the mobile commerce terminal

USE - For ordering goods, **downloaded** products such as MP3 music file, services such as car wash and for obtaining information through Internet.

ADVANTAGE - Enables the user to place an order easily by using the barcode scanner.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the mobile commerce system.

Barcode (11)

Mobile telephone (20)

Barcode scanner (21)

pp; 33 DwgNo 1/9

Title Terms: MOBILE; TERMINAL; ORDER; GOODS; SERVICE; THROUGH; SCAN;

CONNECT; MOBILE; TELEPHONE; SCAN; IDENTIFY; PRODUCT; ORDER

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60 ; H04Q-007/32

International Patent Class (Additional): G06K-007/10

File Segment: EPI

19/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010444957      \*\*Image available\*\*

WPI Acc No: 1995-346274/199545

XRPX Acc No: N95-258897

Item information loading system for merchandise - stores item information  
in one data a base and shelf identification information in another

Patent Assignee: NCR INT INC (NATC ); AT & T GLOBAL INFORMATION SOLUTIONS  
INT (AMTT )

Inventor: GOODWIN J C

Number of Countries: 005    Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 676708	A2	19951011	EP 95301818	A	19950320	199545    B
US 5473146	A	19951205	US 94223267	A	19940404	199603
JP 8006531	A	19960112	JP 9577583	A	19950403	199611
EP 676708	A3	19960117	EP 95301818	A	19950320	199621
EP 676708	B1	20010816	EP 95301818	A	19950320	200147
DE 69522132	E	20010920	DE 622132	A	19950320	200163
			EP 95301818	A	19950320	

Priority Applications (No Type Date): US 94223267 A 19940404

Cited Patents: No-SR.Pub; US 5172314; US 5241467; WO 9205499

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 676708	A2	E	12	G06F-017/60	
Designated States (Regional): DE FR GB					
US 5473146	A		12	G06K-015/00	
JP 8006531	A		7	G09G-005/00	
EP 676708	A3			G06F-017/60	
EP 676708	B1	E		G06F-017/60	
Designated States (Regional): DE FR GB					
DE 69522132	E			G06F-017/60	Based on patent EP 676708

Abstract (Basic): EP 676708 A

The information loading system includes one data base which contains item information. A second data base contains identification information for each of several shelf displays. A computer terminal matches the item information to the identification information. The two data bases are at different locations.

One computer terminal **down - loads** the item information and passes it to a second terminal where it is matched to identification information. A hand held scanner is used for **scanning items** so as to obtain item information for storage in the data base.

USE/ADVANTAGE - In shelf display and in conjunction with bar code reader. Allows simple variation of prices and easy initialisation of shelf displays.

Dwg.1/8

Title Terms: ITEM; INFORMATION; LOAD; SYSTEM; MERCHANDISE; STORAGE; ITEM;  
INFORMATION; ONE; DATA; BASE; SHELF; IDENTIFY; INFORMATION

Derwent Class: P85; T01

International Patent Class (Main): G06K-015/00; G09G-005/00

International Patent Class (Additional): **G06F-017/60** ; G06K-007/00

File Segment: EPI; EngPI

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21/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016318787 \*\*Image available\*\*

WPI Acc No: 2004-476682/200445

**Financial business service using mobile communication terminal**

Patent Assignee: LEE H (LEE H-I)

Inventor: LEE H; MIN J Y; PARK C S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004025232	A	20040324	KR 200257094	A	20020918	200445 B

Priority Applications (No Type Date): KR 200257094 A 20020918

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004025232	A	1	G06F-017/60	

Abstract (Basic): KR 2004025232 A

NOVELTY - A financial business service using a mobile communication terminal is provided to scan 1D(Dimension) or 2D barcode on a mono or a color screen in **order** to reduce security risk and **process** a high price settlement with the mobile communication terminal.

DETAILED DESCRIPTION - A user requests an electronic settlement service using the mobile communication terminal(110). A mobile communication company confirms user certification and member shop(120). The mobile communication company generates/transmits the encrypted 2D barcode of the information for the electronic settlement to the mobile communication terminal(130). The barcode displayed on the mobile communication terminal is inputted through a barcode scanner of the member store(140). The price settlement, a credit loan, and a cash service are provided to the user by using the **scanned barcode** (150). The user inquires the transaction particulars, and the mobile communication company sends the use particulars and a bill(160).

pp; 1 DwgNo 1/10

Title Terms: FINANCIAL; BUSINESS; SERVICE; MOBILE; COMMUNICATE; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

21/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015150585 \*\*Image available\*\*

WPI Acc No: 2003-211112/200320

XRPX Acc No: N03-168256

**Dynamic inventory tracking and management system for contact lenses scans packaging information using hand-held devices to update server**

Patent Assignee: JOHNSON & JOHNSON VISION CARE (JOHJ )

Inventor: CORCORAN C; DUIS D; PELGER A; RAJA R; WANG D

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200317058	A2	20030227	WO 2002US26114	A	20020815	200320 B
AU 2002323202	A1	20030303	AU 2002323202	A	20020815	200452

Priority Applications (No Type Date): US 2001312635 P 20010815

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 200317058 A2 E 54 G06F-000/00  
 Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU  
 ZA ZM ZW  
 Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
 GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
 AU 2002323202 A1 G06F-000/00 Based on patent WO 200317058

Abstract (Basic): WO 200317058 A2

NOVELTY - System comprises a server accessing a database storing lens product information, the products having packages with readable indices. A device at each location scans the indices dispensed to customers to obtain inventory tracking information and this is passed to the server. A tracking mechanism updates the quantities of lens products. An order entry infrastructure provides lens product ordering and fulfilment functions for the various locations.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for:

- (1) A method of dynamically tracking an inventory of lens products
- (2) A computer program for dynamically tracking an inventory of lens products

USE - System is for simplifying the tracking and control of contact lenses maintained in an inventory at the office of an eyecare professional, and automating the lens product **ordering process**.

ADVANTAGE - System streamlines the customer service **order entry process** by automatically generating **orders**, gives a low inventory warning, optimises inventory levels, uses a handheld PDA to **scan barcodes** and interfaces with existing telecommunications infrastructures.

DESCRIPTION OF DRAWING(S) - The figure shows a system architecture underlying the dynamic inventory and tracking and management system.  
 pp; 54 DwgNo 1/9

Title Terms: DYNAMIC; INVENTORY; TRACK; MANAGEMENT; SYSTEM; CONTACT; LENS;  
 SCAN; PACKAGE; INFORMATION; HAND; HELD; DEVICE; UPDATE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

21/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007116032

WPI Acc No: 1987-116029/198716

XRPX Acc No: N87-087128

Order processing apparatus for package labelling - compares item characterising code on each item on conveyor to those on store order

Patent Assignee: GOODY PRODUCTS INC (GOOD-N)

Inventor: GOLDBERG S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4656591	A	19870407	US 85776983	A	19850912	198716 B

Priority Applications (No Type Date): US 83485841 A 19830418; US 83463487 A 19830203; US 85776983 A 19850912

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 4656591 A 22

Abstract (Basic): US 4656591 A

The apparatus includes a scanner for registering the characterisation of each item supplied to the apparatus. A labeler applies customer-related data to at least some of the supplied items and an allocator is jointly responsive to the scanner and the order recorder for allocating each **scanned item** to one of the orders, if any, among those orders for which there is a stored requirement for the same variety of item as the **scanned item**. The allocator comprises a device for selecting one of the orders, if any, having such stored requirement.

A unit controls the labeler to label each item whose registered characterisation corresponds to a stored requirement in the selected order with customer-related data in accordance with the selected order. An accounting device limits the allocation of items scanned by the scanner to those orders represented in the order register whose stories contain requirements for the same variety of item as the **scanned item** exceeding prior allocations of such variety of items to such **orders in processing** the group of **orders**.

ADVANTAGE - Avoids system limitations

Title Terms: ORDER; PROCESS; APPARATUS; PACKAGE; LABEL; COMPARE; ITEM; CHARACTERISTIC; CODE; ITEM; CONVEYOR; STORAGE; ORDER

Derwent Class: T01; T06; X25

International Patent Class (Additional): G06F-015/20

File Segment: EPI

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